



Sun Fire™ V445 Server Getting Started Guide

Sun Microsystems, Inc.
www.sun.com

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Setting Up the Sun Fire V445 Server

This chapter includes information about the following topics:

- “Safety and Compliance Information” on page 1
- “Planning the Installation Process” on page 2
- “Ship Kit Contents” on page 3
- “External System Description” on page 4
- “Installing the Rack Rail Kit” on page 6
- “Installing the Cable Management Arm” on page 7
- “Connecting to a Terminal Server” on page 8
- “Logging In” on page 9
- “Connecting Power Cables” on page 9
- “Powering On” on page 10
- “Setting Up Preinstalled Software” on page 10
- “Powering Off” on page 13

Safety and Compliance Information

Read the document, *Important Safety Information for Sun Hardware Systems*, 816-7190. The document is included with the Sun Fire™ V445 server.

More safety and compliance information can be found in the *Sun Fire V445 Server: Important Safety and Compliance Information*, (819-3746). This and all other Sun Fire V445 server documentation is available online at:

<http://www.sun.com/documentation/>

Planning the Installation Process

Use the following checklist as a process tool to assist you with installation of the Sun Fire V445 server.

TABLE 1 Installation Process

Step	Task	Reference
1.	Unpack the server and familiarize yourself with the server features.	“Ship Kit Contents” on page 3. “External System Description” on page 4.
2.	Install any optional components, such as DIMMs, PCI cards, or hard drives.	<i>Sun Fire V445 Server Service Manual</i> (819-3742) or the documents that ship with the components.
3.	Install the server into a cabinet. Attach the cable management arm.	“Installing the Rack Rail Kit” on page 6 “Installing the Cable Management Arm” on page 7
4.	Connect the server and external device cables.	“Cable Connections to Terminal Server” on page 8.
5.	Power on the server.	“Powering On” on page 10.
6.	Answer the Solaris™ software prompts.	“Setting Up Preinstalled Software” on page 10.

Note – The most recent documentation, including this guide, is available at <http://www.sun.com/documentation>.

Ship Kit Contents

The following figure shows the contents of your ship kit. Ensure that you have everything shown. If anything is missing, please contact your Sun™ sales representative.

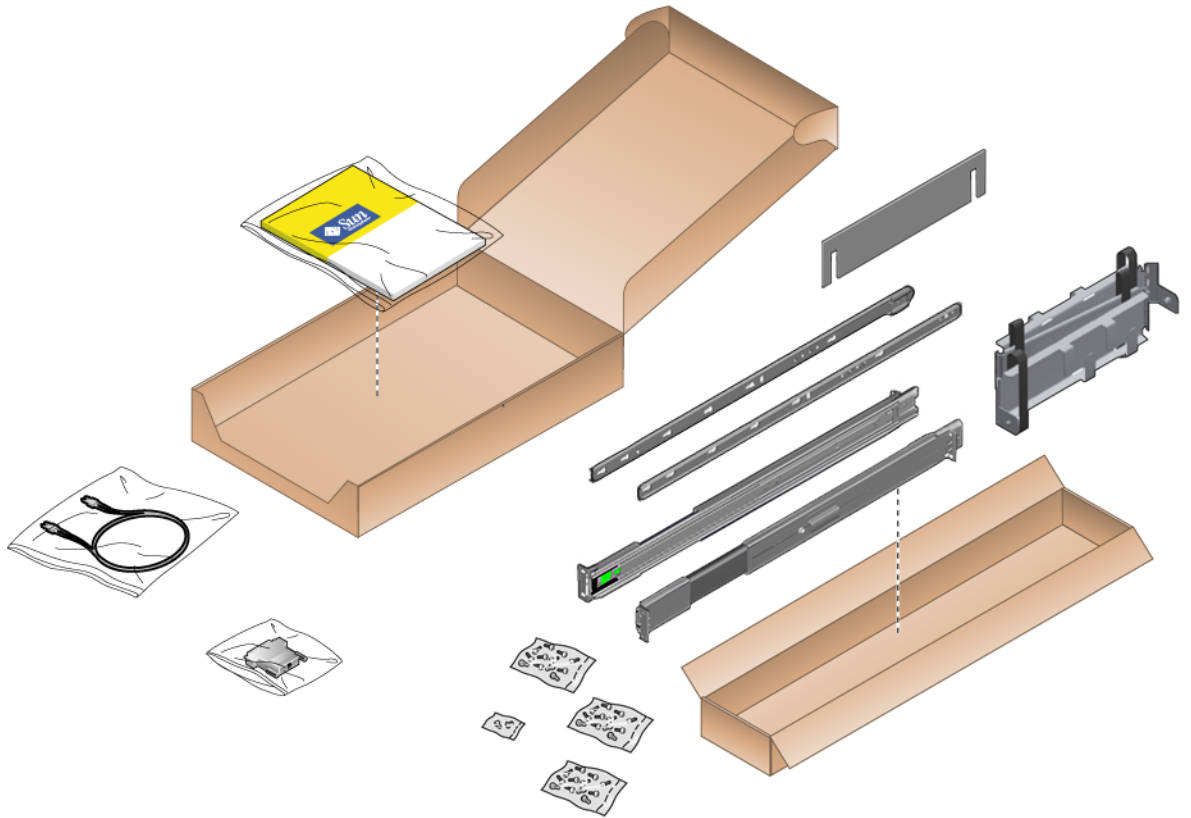


FIGURE 1 Sun Fire V445 Server Ship Kit Contents

External System Description

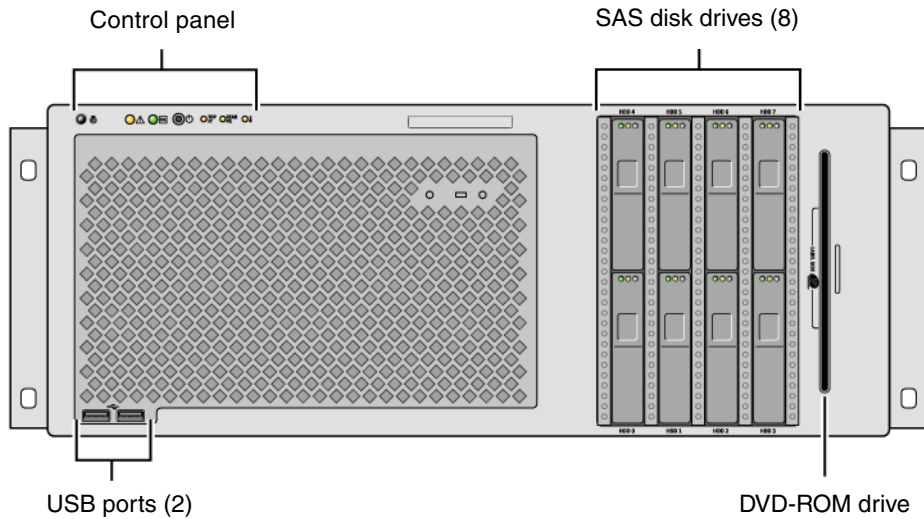


FIGURE 2 Front of the System

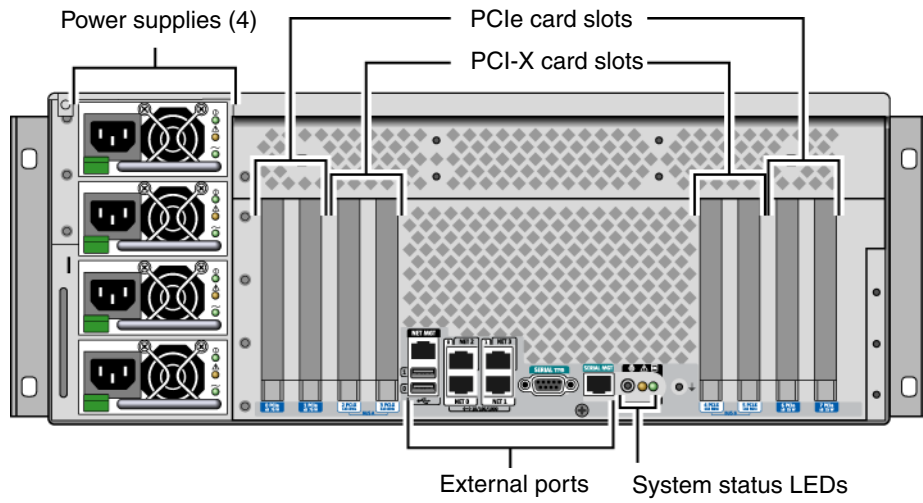


FIGURE 3 Back of the System

Installing the Rack Rail Kit

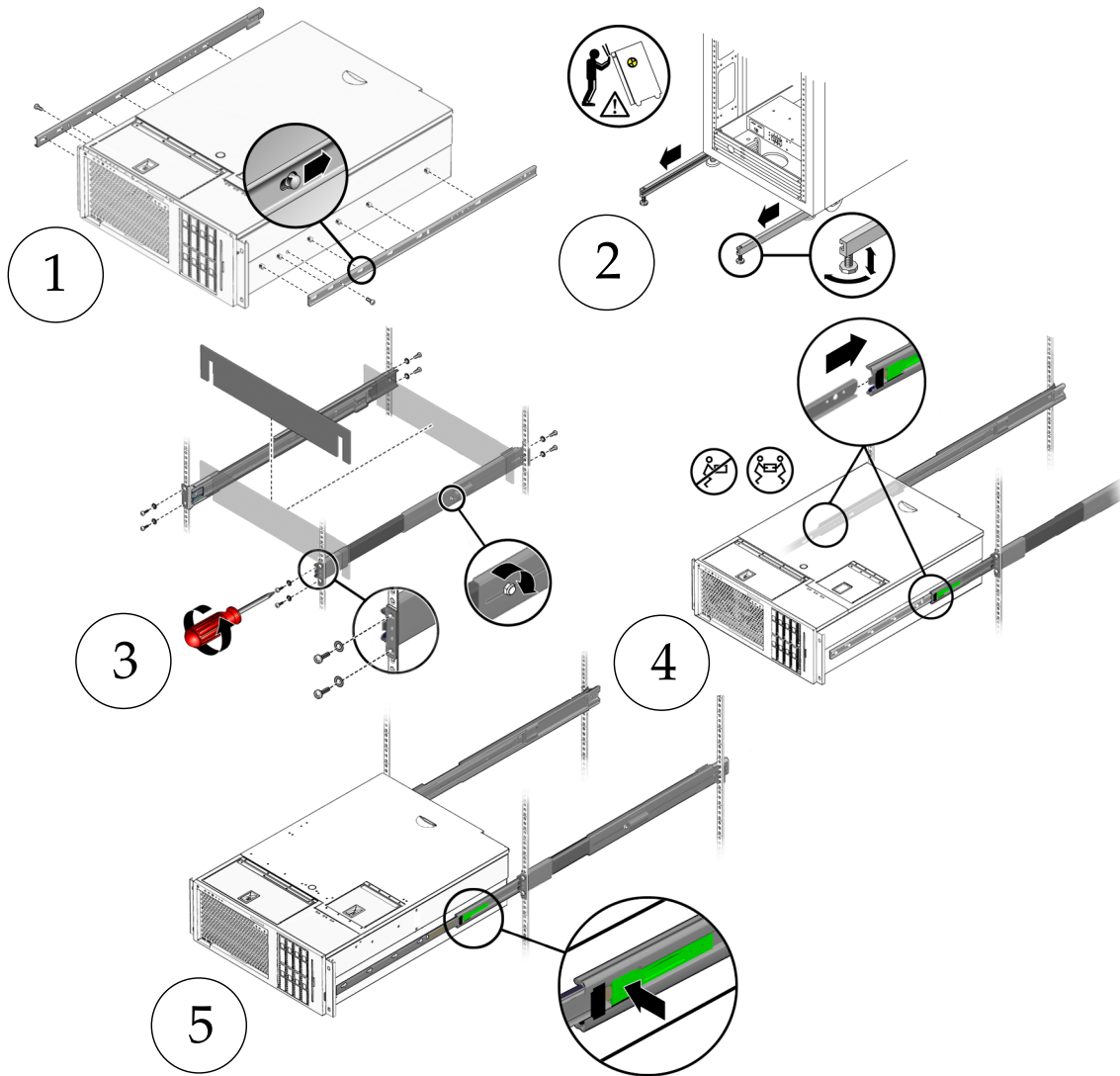


FIGURE 4 Installing the Rack Rail Kit

Note – See your *Sun Fire V445 Server Installation Guide* for rack installation instructions.

Installing the Cable Management Arm

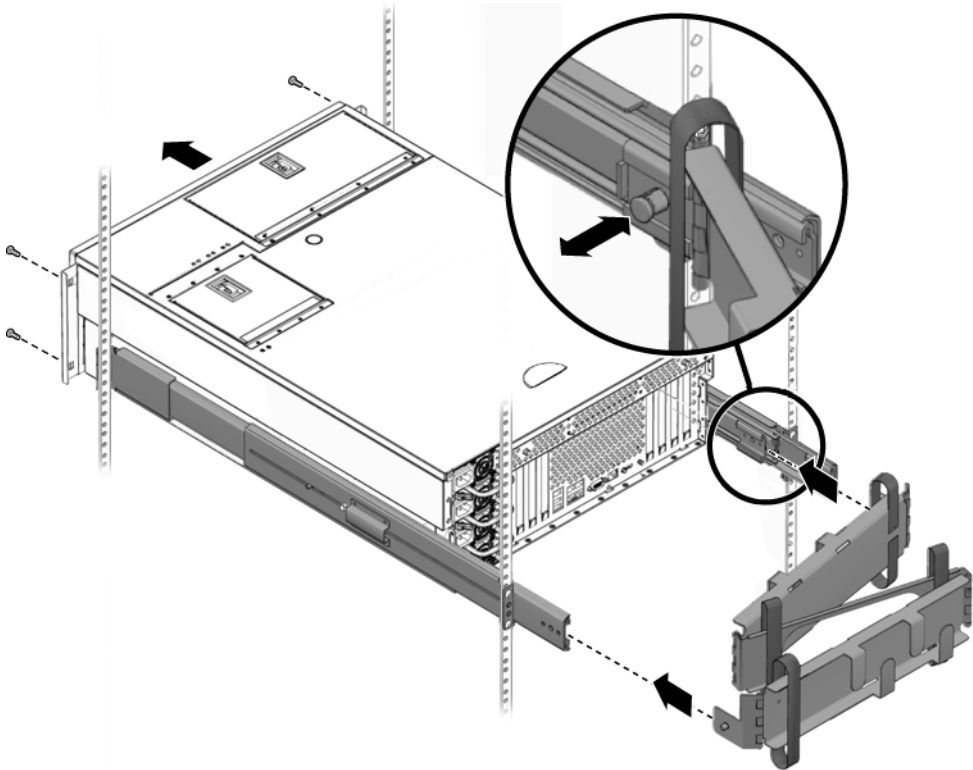


FIGURE 5 Installing the Cable Management Arm

Connecting to a Terminal Server

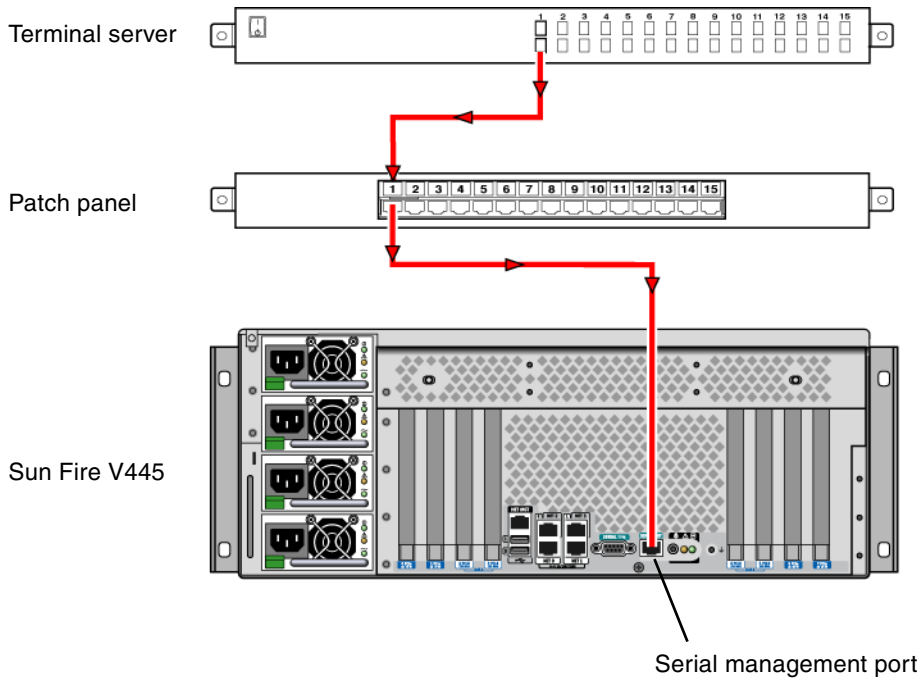


FIGURE 6 Cable Connections to Terminal Server

Logging In

- Type:

```
# telnet IP-address-of-terminal-server port-number
```

Connecting Power Cables

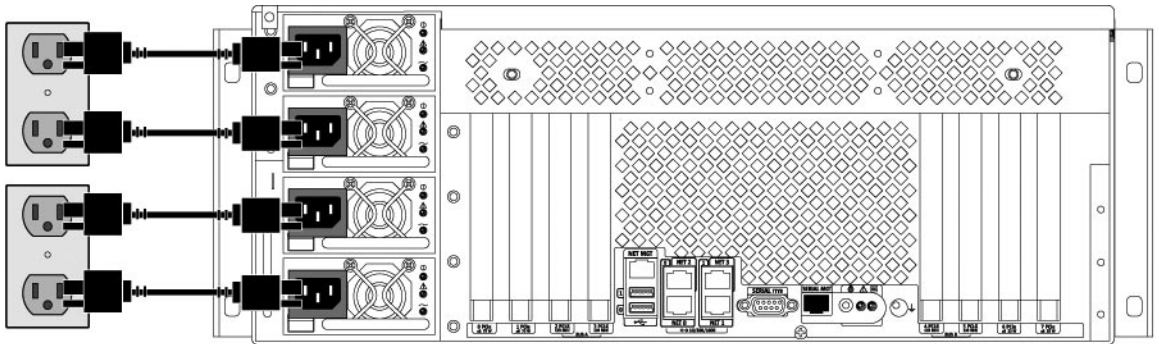


FIGURE 7 Connecting Power Cables



Caution – High Leakage Current. To prevent leakage current in excess of 3.5mA, a maximum of 2 power cords can be connected to a single branch circuit. The remaining 2 power cords must be connected to a different branch circuit

Note – Use separate circuits to ensure N+2 redundancy. See the *Sun Fire V445 Server Installation Guide* for specific instructions.

Powering On

- Type:

```
sc> poweron
sc> console
ok
```

Setting Up Preinstalled Software

To help answer the setup prompts, your system administrator (SA) should provide you with information specific to your site before you begin. Some of the information might be available on your network – check with your SA. For a networked system, use a copy of [TABLE 2](#) to write down the information that you might need to collect before setting up the Solaris™ Operating System. For a standalone system, use a copy of [TABLE 3](#) to write down the information that you might need to collect before setting up the Solaris Operating System.

TABLE 2 Information to collect for a Networked Solaris Operating System

Solaris 10 Installation Window	Explanation and Notes	Your Information
Solaris Release	Choose Solaris 10 HW 6/06 Operating System release.	
Select Language and Locale	Native language and locale to use for the server.	
Host Name of Your Server	Select a name for the server.	
Host IP Address of Your Server	Obtain this information from your system administrator	
Host Name of Your Name Server	Obtain this information from your system administrator.	
Host IP Address of Your Name Server	Obtain this information from your system administrator.	

TABLE 2 Information to collect for a Networked Solaris Operating System *(Continued)*

Solaris 10 Installation Window	Explanation and Notes	Your Information
Network Connectivity Protocols: bge DHCP IPv6	Network or standalone server protocols. A system administrator might be required to complete this section. Note: Depending on how you answer the network connectivity prompts and what information is provided by your network, you might be prompted for the server's host IP address.	
Kerberos Security	Decline, or accept to setup Kerberos security.	
Name Service (type)	Select a name service to use: NIS+, NIS, DNS, LDAP, or none. Note: This window is not displayed if the server is not connected to a network.	
Domain Name	Select NIS or NIS+ domain for this server. Note: This window is not displayed if the server is not using the NIS or NIS+ service.	
Name Server/Subnet/Subnet Mask	Specify the name server or have the server find a name server on a local subnet. Note: This window is not displayed if the server is not connected to a network.	
Time Zone	Select a local time zone by geographic region, GMT offset, or a time zone file.	

TABLE 3 Information to Collect for A Standalone Solaris Operating System

Solaris 10 Installation Window	Explanation and Notes	Your Information
Host Name of Your Server	Select a name for the server.	
Select Language and Locale	Native language and locale to use for the server.	

TABLE 3 Information to Collect for A Standalone Solaris Operating System

Solaris 10 Installation Window	Explanation and Notes	Your Information
Time Zone	Select a local time zone by geographic region, GMT offset, or a time zone file.	
Date and Time	Select the current date and time (or accept the default or enter the current date and time).	
Root and Password	Enter a superuser ID and password.	

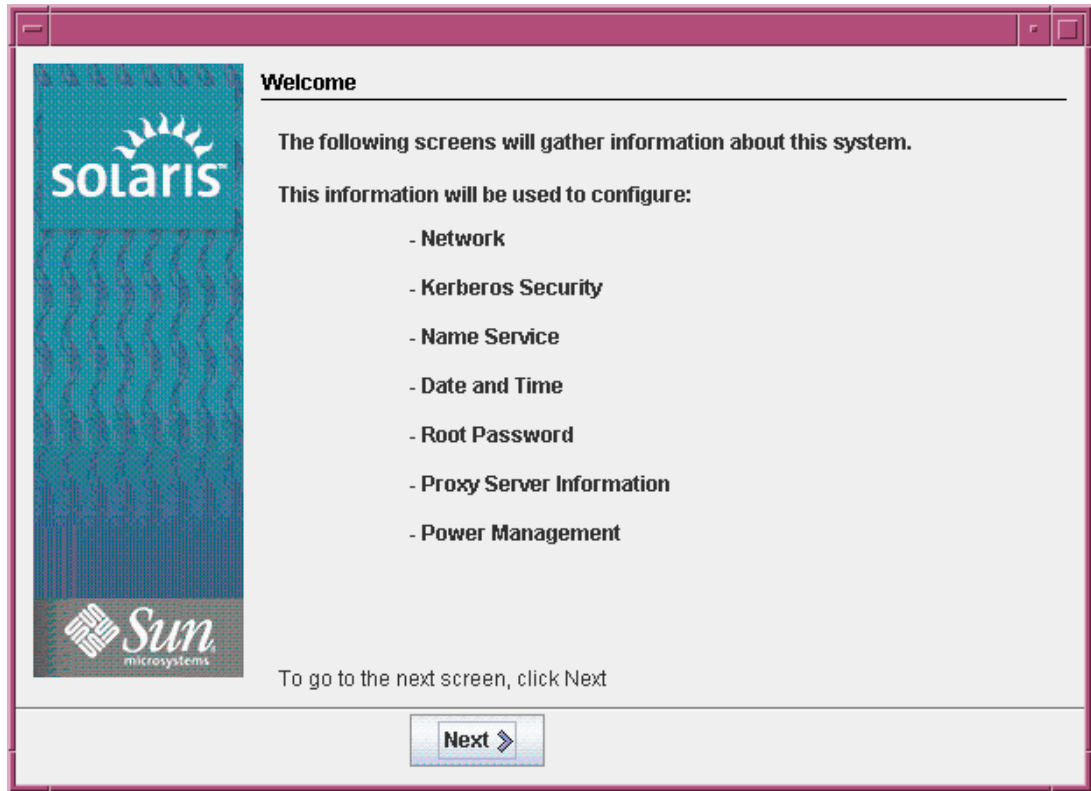


FIGURE 8 Solaris Operating System Welcome Screen

Powering Off

- Type:

```
# #.  
sc> poweroff
```

