Setting Up the Sun Fire V445 Server

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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

<table>
<thead>
<tr>
<th>Step</th>
<th>Task</th>
<th>Reference</th>
</tr>
</thead>
<tbody>
<tr>
<td>2.</td>
<td>Install any optional components, such as DIMMs, PCI cards, or hard drives.</td>
<td>Sun Fire V445 Server Service Manual (819-3742) or the documents that ship with the components.</td>
</tr>
<tr>
<td>3.</td>
<td>Install the server into a cabinet. Attach the cable management arm.</td>
<td>“Installing the Rack Rail Kit” on page 6 “Installing the Cable Management Arm” on page 7</td>
</tr>
<tr>
<td>4.</td>
<td>Connect the server and external device cables.</td>
<td>“Cable Connections to Terminal Server” on page 8.</td>
</tr>
</tbody>
</table>

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

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

**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

<table>
<thead>
<tr>
<th>Solaris 10 Installation Window</th>
<th>Explanation and Notes</th>
<th>Your Information</th>
</tr>
</thead>
<tbody>
<tr>
<td>Solaris Release</td>
<td>Choose Solaris 10 HW 6/06 Operating System release.</td>
<td></td>
</tr>
<tr>
<td>Select Language and Locale</td>
<td>Native language and locale to use for the server.</td>
<td></td>
</tr>
<tr>
<td>Host Name of Your Server</td>
<td>Select a name for the server.</td>
<td></td>
</tr>
<tr>
<td>Host IP Address of Your Server</td>
<td>Obtain this information from your system administrator.</td>
<td></td>
</tr>
<tr>
<td>Host Name of Your Name Server</td>
<td>Obtain this information from your system administrator.</td>
<td></td>
</tr>
<tr>
<td>Host IP Address of Your Name Server</td>
<td>Obtain this information from your system administrator.</td>
<td></td>
</tr>
</tbody>
</table>
### Network Connectivity Protocols

- **bge**: Network or standalone server protocols. A system administrator might be required to complete this section.
- **DHCP**: 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.
- **IPv6**: Decline, or accept to setup Kerberos security.

### 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 2: Information to Collect for A Standalone Solaris Operating System

<table>
<thead>
<tr>
<th>Solaris 10 Installation Window</th>
<th>Explanation and Notes</th>
<th>Your Information</th>
</tr>
</thead>
<tbody>
<tr>
<td>Host Name of Your Server</td>
<td>Select a name for the server.</td>
<td></td>
</tr>
<tr>
<td>Select Language and Locale</td>
<td>Native language and locale to use for the server.</td>
<td></td>
</tr>
</tbody>
</table>

### Table 3: Information to Collect for A Networked Solaris Operating System (Continued)
### TABLE 3  Information to Collect for A Standalone Solaris Operating System

<table>
<thead>
<tr>
<th>Solaris 10 Installation Window</th>
<th>Explanation and Notes</th>
<th>Your Information</th>
</tr>
</thead>
<tbody>
<tr>
<td>Time Zone</td>
<td>Select a local time zone by geographic region, GMT offset, or a time zone file.</td>
<td></td>
</tr>
<tr>
<td>Date and Time</td>
<td>Select the current date and time (or accept the default or enter the current date and time).</td>
<td></td>
</tr>
<tr>
<td>Root and Password</td>
<td>Enter a superuser ID and password.</td>
<td></td>
</tr>
</tbody>
</table>
Powering Off

- Type:

```bash
# #.
s> poweroff
```