

# 2

## Starting-Up and Shutting-Down the System

### In this Chapter...

- [Starting-Up the System](#), 2-2
- [Shutting-Down the System](#), 2-4

### For Help

#### HP-UX Reference

HP-UX reference information is available on the Internet at:

<http://docs.hp.com/index.html>

#### System Administrator Manager (SAM)

To start SAM, enter: `/usr/sbin/sam` at a shell window prompt.

For help inside of SAM:

- From the dialog, click **Help**.
- Press **F1** for context-sensitive help on a specific field.

#### 3070 Reference

3070 User and Service manuals are located on 3070 system controllers and on factory-supplied updates.

#### More Help

See [In Case of Difficulty](#) on page 10-1.

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## Starting-Up the System

This section contains:

- [Boot the Controller, 2-2](#)
- [Boot the Testhead, 2-3](#)

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### Boot the Controller

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#### 1 Turn on the video display and any other peripherals.

Allow them to complete their self-checks if applicable.

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#### 2 Turn on power to the controller.

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#### 3 Allow the controller to boot.

The video monitor should display an initial boot message similar to [Example 2-1](#).

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### Example 2-1

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```
(c) Copyright. Agilent Technologies, Inc.
2000.
All rights reserved.
PDC ROM rev. 1.2
IODC ROM rev. 1.0
16 MB of memory configured and tested.
Selecting a system to boot.
To stop selection process, press and hold
the ESCAPE key.
```

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During the boot process:

- Watch the messages displayed on the video monitor.  
Any displayed errors could be important in solving system administration problems.
- The system will perform a file system consistency check on the root disk if the system was previously shut down improperly.

If the system is spread over multiple disks, the system will also perform a consistency check on the other file systems listed in `/etc/fstab`

The boot process is complete when the **Common Desktop Environment (CDE)** login screen appears.

If the **CDE** login screen does not appear, see [If You Experience Start-Up Problems](#) on page 3-20.

## Boot the Testhead

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**1** Log in as `user`

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**2** Boot the testhead using the Testhead Power On softkey.

Booting takes about 2 minutes.

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## Shutting-Down the System

This section contains:

- [Introduction, 2-4](#)
- [Unboot the Testhead, 2-4](#)
- [Shut-Down the Controller, 2-4](#)
- [Disconnecting Power to the Controller, 2-4](#)

### CAUTION



Unboot the testhead before shutting-down the controller to prevent damage to the software.

### CAUTION



Never just turn the power off on the controller to shut it down. If you do, damage to the software can result.

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### Introduction

Shutdown a system before:

- Removing power to perform tasks such as installing a new disk or interface card.
- Activating a new kernel on the system.

## Unboot the Testhead

- At the prompt in the BT-BASIC window controlling the testhead, enter:  
`testhead power off`

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## Shut-Down the Controller

1 **Login as root**

2 **Start SAM.**

3 **Click Routine Tasks > System Shutdown.**

Make the appropriate choice.

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## Disconnecting Power to the Controller

### CAUTION



Perform this step only after following the above instructions to shut-down the controller. Otherwise, software damage can occur.

- Push the power switch on the controller.