

# **Read Before Installing HP-UX 11i Version 1.5**

**Release B.11.20  
for rx9610 and rx4610 HP Servers  
and i2000 HP Workstations**



**Manufacturing Part Number: B9106-90014**

**November 2001**

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**Revision History:** November 2001, Edition 2.

This edition describes installing HP-UX 11i Version 1.5 (release B.11.20).

This guide's printing date and part number indicate its current edition. The printing date changes when a new edition is printed. (Minor corrections and updates which are incorporated at reprint do not cause the date to change.) The part number changes when extensive technical changes are incorporated.

New editions of this manual will incorporate all material updated since the previous edition. For the latest version, see the HP-UX 11.x Release Documentation section on the Web: [docs.hp.com](http://docs.hp.com)

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## Typographic Conventions

This manual uses the following typographic conventions:

<b>Boldface</b>	Words defined for the first time appear in <b>boldface</b> .
Computer	Computer font indicates literal items displayed by the computer. For example: <code>file not found</code>
User input	Bold, computer text indicates literal items that you type. For example, to change to your account's home directory, enter:  <code>cd</code>
<i>Italics</i>	Manual titles, variables in commands, and emphasized words appear in <i>italics</i> . For example, you would substitute an actual directory name for <i>directory_name</i> in this command:  <code>cd <i>directory_name</i></code>
[ ] and	Brackets [ ] enclose optional items in command syntax. The vertical bar   separates syntax items in a list of choices. For example, you can enter any one of these three items in this syntax:  <code>ls [-a   -i   -x]</code>
Enter	Text in this <b>bold, sans serif font</b> denotes keyboard keys and on-screen menus. A notation like <b>Ctrl-Q</b> indicates that you should hold the <b>Ctrl</b> key down, then press <b>Q</b> .



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# **1            What's in This Document**

## Introduction

This document contains information about last-minute changes to HP-UX 11i Version 1.5 and to the cold-install procedures.

*Read this document in its entirety before reading any other 11i Version 1.5 documentation, and before taking any steps to install HP-UX 11i Version 1.5.*

- HP-UX 11i Version 1.5 is the first release for all IPF (Itanium processor family)-based HP-UX systems.
- The release ID for HP-UX 11i Version 1.5 is *B.11.20*, and the term **HP-UX 11i Version 1.5 (B.11.20)** is used throughout the Release Notes and the Installation and Configuration Guide. See “Media Kit Contents” on page 10 and “Additional Information” on page 10 for information about these documents.

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### NOTE

Beginning with HP-UX 11i, the operating system is delivered as part of the HP-UX Operating Environment (OE). An Operating Environment is an integrated and tested software solution containing the operating system and selected applications. In this release, the operating system and selected applications are provided on two DVDs, to install the full OE, you must install from both DVDs.

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- PA-RISC based systems should continue to run HP-UX 11i (release ID B.11.11) or earlier releases. This release will not run on PA-RISC based systems; however, any PA-RISC binaries you have most likely will run on IPF systems. See <http://devresource.hp.com> for more information.

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## How this Document is Organized

**Table 1-1**

<b>Chapter</b>	<b>Section</b>	<b>Content</b>
<i>Chapter 1</i> What's in this document	Introduction	This section introduces you to this Readme document and explains the documents purpose.
	Where Else to Look	This section introduces you to the HP IT Resource Center for other late-breaking HP-UX news.
	Welcome to HP-UX	This section introduces you to the Version 1.5 (B.11.20) release of HP-UX.
	Media Kit Contents	This section describes the media kit that is shipped with new HP servers, including software, applications, release notes, etc.
<i>Chapter 2</i> Late-Breaking News	Issues Affecting the Cold-Install of HP-UX 11i Version 1.5 (B.11.20)	This section provides a list of issues regarding the HP-UX cold-install process.

## Where Else To Look

### Issues

This Readme document describes any significant issues HP has discovered during the testing of this release of HP-UX. For additional information, access the HP IT Resource Center.

### How to access the HP IT Resource Center

**Step 1.** Point your browser to:

`http://us-support.external.hp.com` for Americas/Asia-Pacific customers

`http://europe-support.external.hp.com` for European customers

**Step 2.** Log in with your user ID and password if you are already registered. If not, register following the instructions on the screen. Remember to save your user ID and password.

**Step 3.** Click on Search Technical Knowledge Database, and then on HP-UX Software.

**Step 4.** Enter “known problems” or “known problems 11i Version 1.5” as the search string.

## Welcome to HP-UX

HP-UX 11i Version 1.5 is the first release for all IPF (Itanium processor family) based HP-UX systems.

This release is B.11.20, or **HP-UX 11i Version 1.5 (B.11.20)**. This Operating Environment (OE) is an integrated and tested software solution containing the operating system and selected applications.

PA-RISC based systems should continue to run HP-UX 11i (release ID B.11.11) or earlier releases.

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### NOTE

This release will not run on PA-RISC based systems; however, any PA-RISC binaries you have most likely will run on IPF systems. See <http://devresource.hp.com> for more information.

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This release is not intended for Mission Critical environments, and High Availability products such as ServiceGuard are not supported on this release.

This release includes the following major features and enhancements:

- Base VERITAS Volume Manager 3.1 for HP-UX (VxVM), is integrated in HP-UX and is now the default volume manager and root disk
- Support for running most PA-RISC applications on IPF systems without recompiling
- Enhancements to some commands

Functionality provided in this release will be included in future releases of HP-UX.

## Media Kit Contents

This document accompanies the HP-UX 11i Version 1.5 (B.11.20) media kit, which also includes:

- **HP-UX 11i Version 1.5 DVD** — Contains the HP-UX OS (operating system), required networking software, and on-line diagnostics.
- **Application DVD** — Contains HP-UX application software.
- **Instant Information CD** — Contains current HP-UX manuals, release notes and white papers.
- ***Readme Before Installing HP-UX 11i Version 1.5*** — Contains last minute information for this release of HP-UX. Read this booklet before installing.
- ***HP-UX 11i Version 1.5 Installation and Configuration Guide*** — Contains installation and configuration procedures including system requirements and planning information.

## Additional Information

See the *HP-UX 11i Version 1.5 Release Notes* for a description of new features and functionality changes for this release. This file will be on the system after you install this release in:

`/usr/share/doc/11iV1_5RelNotes.*`

Release Notes are also available on the Instant Information CD and on the Web at:

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

(Scroll to the “HP-UX 11i Version 1.5 Operating Environment” section.)



## Introduction

This chapter describes issues that could seriously affect your system when you cold-install this release of HP-UX and other issues. It contains the following sections:

- Issues Affecting the Cold-Install of HP-UX 11i Version 1.5 (B.11.20)  
This section provides a list of issues regarding the HP-UX cold-install process, as follows:
  - “Browser Required for Help System” on page 13
  - “Serial Console Re-Direction is Not Supported” on page 13
- Other Issues
  - “Core LAN Port Usage” on page 14

## **Issues Affecting the Cold-Install of HP-UX 11i Version 1.5 (B.11.20)**

### **Browser Required for Help System**

The Online Diagnostics help system requires the use of a web browser. Therefore, in order to use the help system, you need to load the web browser included in Media Kit.

- Netscape can be found on the HP-UX 11i Version 1.5 (B.11.20) Application DVD.
- Make sure to install it so that you can use the Online Diagnostics help system.

### **Serial Console Re-Direction is Not Supported**

The ability to re-direct console activity to a serially connected terminal is unsupported.

### **Cold-Install Disk Must be in HBA Table**

When you cold-install an rx9610, rx4610, or i2000 system, you must be certain that:

- The disk to be installed on resides under one of the four Host Bus Adapters (HBA) that are selected in the LSI option ROM table.
- The HBA where the boot disks reside is the first HBA listed in the bootable HBA table.

If either of the above is not true, you will find that boot fails and the boot disk is not listed in the EFI table as a bootable disk. You can correct this situation with the LSI configuration menu.

To view or change the LSI option ROM table and the HBA information, enter the LSI configuration menu early in the system boot sequence by pressing **Ctrl-C** when prompted.

## **Other Issues**

### **Core LAN Port Usage**

The Core LAN port is intended for manageability and administration use only. For optimum performance, a LAN card in the PCI box should be used for system applications. An add-on PCI 10/100BT card (A6792A) or Gigabit Ethernet card (A4926A or A4929A) can be used in order to run network intensive applications.