

# HP-UX 11i v3 read before installing or updating

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# Table of Contents

Welcome to HP-UX 11i v3.....	5
Media kit contents.....	6
DVDs.....	6
Documentation.....	7
New HP-UX 11i v3 Operating Environments.....	8
Finding the latest firmware updates.....	11
HP-UX Virtual Partitions and HP Integrity Virtual Machines are incompatible.....	11
Important: Procedures for installing VxFS and VxVM are new in September 2009.....	12
What's new in this release.....	13
Known problems.....	15
Release Notes Indicates Incorrect Version for Thunderbird.....	15
What to Do.....	15
Web Resources.....	16



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# Welcome to HP-UX 11i v3

HP-UX 11i v3 delivers the highest level of integrated virtualization and automation. HP-UX 11i v3 dynamically reduces complexity and cuts deployment times to maximize return on investment.

This DVD booklet provides the following information:

- Contents of the HP-UX 11i v3 media kit.
- Descriptions of the Operating Environments.
- New products included in this release. See the *HP-UX 11i Version 3 Release Notes* for details.
- Critical, late-breaking cold-install and update issues not in the *HP-UX 11i v3 Installation and Update Guide*.

You can access the *HP-UX 11i v3 Installation and Update Guide* and the *HP-UX 11i Version 3 Release Notes* on the Instant Information DVD and the HP Technical Documentation website:

<http://docs.hp.com/hpux/os/11iv3>



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**NOTE:** Updating from HP-UX 11i v1 to HP-UX 11i v3 is not supported. You must first update to an HP-UX 11i v2 Operating Environment. Alternatively, you can do a cold-install of HP-UX 11i v3. See the *HP-UX 11i v2 Installation and Update Guide* for information on how to update from HP-UX 11i v1 to HP-UX 11i v2. In addition, make sure your system meets the minimum system and disk space requirements before updating from HP-UX 11i v2 to HP-UX 11i v3.

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## Media kit contents

This document is part of the HP-UX 11i v3 media kit, which includes the following DVDs and documentation:

### DVDs

- **HP-UX 11i v3 (B.11.31) OE DVDs** — This multi-DVD set contains an Operating Environment (OE).
- **HP-UX 11i v3 (B.11.31) Application Software DVD** — Contains HP-UX application software.
- **HP-UX 11i v3 Instant Information DVD** — Contains various HP-UX manuals, release notes, white papers, manpages, and other documentation. The DVD has a table of contents that will show you all the documents it contains. The DVD is particularly useful if you don't want to go on the web.

## Documentation

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**NOTE:** In support of HP's Green Business Technology Initiative and move towards electronic delivery, printed documentation previously included in this software media offering is now being provided electronically. The HP-UX 11i v3 documentation, including the *HP-UX 11i v3 Installation and Update Guide*, is available on the Instant Information DVD or may be viewed, downloaded, and printed from the web at this location:

<http://www.docs.hp.com/en/oshpux11iv3.html>

Links to “Localized documentation” are found on the left navigation bar, including *Configuring HP-UX for Different Languages*.

Furthermore, please note that the entire <http://docs.hp.com/> content is being migrated to the HP Business Support Center (BSC) website, which houses both technical documentation and additional product support information.

The migration of the HP-UX documentation collection is scheduled for completion this fall. When complete, under the HP-UX section of the <http://docs.hp.com/> homepage, you will find a link to redirect you to the new Business Support Center location. For more information, visit the “More info on document moves to BSC” section at the bottom of the <http://docs.hp.com/> homepage.

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The following document can be found in the media kit and on the web at <http://docs.hp.com/en/oshpux11iv3>:

- ***HP-UX 11i v3 Read Before Installing or Updating*** (this document) — Provides last-minute information for HP-UX 11i v3. Read this booklet before cold-installing or updating HP-UX.

The following documents can be found on the HP-UX 11i v3 Instant Information DVD and on the web at <http://docs.hp.com/en/oshpux11iv3>:

- ***HP-UX 11i Version 3 Release Notes*** — Describes new features and functionality changes for HP-UX 11i v3.
- ***HP-UX 11i v3 Installation and Update Guide*** — Describes system requirements and provides instructions for cold-installing or updating to the latest release of HP-UX. Also includes information about known install/update problems.

## New HP-UX 11i v3 Operating Environments

Starting with the March 2008 release, HP presents a set of new Operating Environments for HP-UX 11i v3. These new Operating Environments, described in Table 1, provide a richer set of products and improved choices over the original set of HP-UX 11i OEs.

Detailed information on the new HP-UX 11i v3 OEs can be found at [www.hp.com/go/hpux11iv3](http://www.hp.com/go/hpux11iv3)

For more information on transition, mapping, etc. from original OEs to new OEs, see

<http://h20338.www2.hp.com/hpux11i/us/en/products/hpux11iv3-oes-support-costs.html>



**Table 1 New HP-UX 11i v3 Operating Environments**

<b>New OE</b>	<b>Description</b>
Base OE (BOE)	Provides integrated HP-UX functionality for cost-conscious customers. The BOE contains all the applications included in the Foundation OE, and improves the bundle set by adding much-requested products such as Process Resource Manager (PRM), APA, as well as math libraries and graphics for technical computing applications. This OE is bundled as HPUX11i-BOE.
Virtual Server OE (VSE-OE)	Designed for customers seeking higher resource utilization or embarking on consolidation projects, and those who need virtualization for a flexible UNIX environment. The VSE-OE contains all the products included in the BOE (and the original EOE) and adds a host of other products including the entire VSE Suite. This OE is bundled as HPUX11i-VSE-OE.

**Table 1 New HP-UX 11i v3 Operating Environments** *(continued)*

<b>New OE</b>	<b>Description</b>
High Availability OE (HA-OE)	For customers requiring high availability for large mission-critical applications, this OE contains all the products included in the BOE (and the original EOE), plus applications such as HP Serviceguard and HA toolkits required to enable a mission-critical server. This OE is bundled as HPUNIX11i-HA-OE.
Data Center OE (DC-OE)	For customers who need both flexibility and high availability, the Data Center OE provides mission-critical virtualization by combining the robust product selection in the VSE-OE and HA-OE in one integrated and tested bundle. This OE contains all the products included in the BOE, VSE-OE, HA-OE (and the original MCOE) and is bundled as HPUNIX11i-DC-OE.

## Finding the latest firmware updates

HP recommends that you sign up for Subscriber's Choice so you can automatically receive email notices for the latest firmware updates. Make sure you register all your products to receive the appropriate notices. Go to the IT Resource Center (<http://itrc.hp.com>) and click **Subscribe to proactive notifications and security bulletins**.

You can also go to the Business Support Center website (<http://www.hp.com/go/bizsupport>) for the latest HP-UX 11i firmware updates. To obtain system firmware files, installation instructions, and release notes, click **Download Drivers and Software**.

This site provides a searchable database for various products or you can follow the links to select the latest firmware download for your specific server product.

Make sure you read the release notes for the firmware to ensure a successful update. In general, HP recommends you update to the latest firmware available before installing or updating to HP-UX 11i v3.

For a matrix of system firmware for I/O adapters with HP-UX 11i v3 boot support, as well as the minimum system firmware requirements for HP-UX 11i v3, refer to the documents at

<http://docs.hp.com/en/hw.html#System%20Firmware>

## HP-UX Virtual Partitions and HP Integrity Virtual Machines are incompatible

HP-UX Virtual Partitions (vPars) is not compatible with HP Integrity Virtual Machines (Integrity VM). The vPars and Integrity VM products cannot be installed on the same nPartition or the same virtual partition.

Integrity VM cannot be installed on a system that has vPars software installed. There is a check during Integrity VM installation preventing it.

## Important: Procedures for installing VxFS and VxVM are new in September 2009

Starting with the September 2009 OEUR, the default-install of VxFS has changed from 4.1 to 5.0, and VxVM 4.1 has been replaced by VxVM 5.0. This has important implications for several install scenarios. For detailed instructions and information about how this impacts you, consult Appendix B: "Installing VxFS and VxVM" of the *HP-UX 11i v3 Installation and Update Guide, September 2009* (<http://www.docs.hp.com/en/oshpux11iv3.html#Installing%20and%20Updating>).

## What's new in this release

This section provides a quick overview (in Table 2) of what is **new** in the HP-UX 11i v3 September 2009 release.

For a list of the associated bundle tags, see the *HP-UX 11i v3 Installation and Update Guide, September 2009*. For further information on these products and features, see the *HP-UX 11i Version 3 September 2009 Release Notes*. Both documents can be found at

<http://docs.hp.com/en/oshpux11iv3>

Information on products and features that have **changed**, or have been deprecated or obsoleted, can also be found in the *HP-UX 11i Version 3 September 2009 Release Notes*.

**Table 2 New products and features in HP-UX 11i v3 September 2009**

New Product	Description
SATADVD-00	Newly added to the OEs as a recommended (default-installed) product. Supports future products.
ISOIMAGE-ENH	Provided in a new DLKM module. Required to mount, read and unmount the ISO Image file. Software Pack product.

**Table 2 New products and features in HP-UX 11i v3 September 2009**  
(continued)

<b>New Product</b>	<b>Description</b>
RC Enhancement (boot time improvement in HP-UX commands and rc scripts)	By installing specific products, you may see improved boot time.
<i>mincore(2)</i> system call	Reports on the core residency of memory pages. Enables Independent Software Vendors (ISVs) to provide memory capacity planning tools.
Devanagari (Indic) TrueType Fonts	You can now print and display text written in Devanagari script.
Locality-Optimized Resource Alignment (LORA)	A framework for delivering ease-of-use and improved performance on HP servers with Non-Uniform Memory Architecture (NUMA). Delivered through patches in the <code>FEATURE11i</code> bundle on all OEs.

## Known problems

This section contains critical, late-breaking information that was not included in the *HP-UX 11i v3 Installation and Update Guide*.

Before cold-installing or updating to HP-UX 11i v3, make sure you read this entire section as well as “Appendix A: Known install and update problems,” in the *HP-UX 11i v3 Installation and Update Guide*.

For information about other known problems, see the product’s own documentation. Further information and patches can be found at the IT Resource Center (<http://itrc.hp.com>).

### Release Notes Indicates Incorrect Version for Thunderbird

The *HP-UX 11i Version 3 Release Notes* document indicates that the version of Mozilla Thunderbird shipped with HP-UX 11i v3 September 2009 is version 2.0.0.19. Due to a packaging issue that occurred after *HP-UX 11i Version 3 Release Notes* was finalized, in order to ensure reliability HP decided to ship Thunderbird version 2.0.0.16 with the HP-UX 11i v3 September 2009 release.

### What to Do

No action on your part is necessary. You can use Thunderbird version 2.0.0.16 with the HP-UX 11i v3 September 2009 release. If you want to install and run Thunderbird version 2.0.0.19, you can install it from <http://www.hp.com/go/java>.

## Web Resources

For additional help when cold-installing or updating HP-UX 11i v3 and related products, go to the web:

- *HP-UX 11i v3 Installation and Update Guide* (select the document appropriate for your release)  
<http://docs.hp.com/en/oshpux11iv3.html#Installing%20and%20Updating>
- *HP-UX 11i Version 3 Release Notes* (select the document appropriate for your release)  
<http://www.docs.hp.com/en/oshpux11iv3.html#Release%20Notes>
- *HP-UX 11i v3 Read Before Installing or Updating* (this document on the web)  
<http://docs.hp.com/en/oshpux11iv3.html#Installing%20and%20Updating>
- *HP-UX System Administrator's Guide*  
<http://docs.hp.com/en/oshpux11iv3.html#System%20Administration>
- HP-UX 11i v3 Documentation  
<http://docs.hp.com/en/oshpux11iv3.html>
- Ignite-UX information  
<http://docs.hp.com/en/IUX>
- Software Depot  
<http://software.hp.com>
- IT Resource Center (ITRC)  
<http://itrc.hp.com>





