

HP-UX 11i v3 Read Before Installing or Updating

September 2012



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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.

For information about critical, late-breaking cold-install and update issues, see the *HP-UX 11i v3 Installation and Update Guide* at <http://www.hp.com/go/hpux-core-docs-11iv3>. The web version of the *Guide* contains the most up-to-date information.

Media kit contents

DVDs

Depending on your service contract with HP, your kit may contain one or more of the following items:

- **HP-UX 11i v3 (B.11.31) OE Multi-DVD Set** — Contains an Operating Environment (OE).
- **HP-UX 11i v3 (B.11.31) Application Software Multi-DVD Set** — Contains HP-UX application software.
- **HP-UX 11i v3 Instant Information DVD** — Contains various HP-UX documents. Useful if you don't want to go on the web.

Documentation

NOTE: Beginning in August 2011, the web is the primary delivery source of technical documentation for HP-UX Operating Environments and Application Products. Web delivery supports HP's Green Business Technology Initiative to reduce packaging and also supports our HP-UX Technical Documentation goal to keep information up-to-date and easily accessible. Pointers to HP-UX documentation collections are listed in *A Guide to HP Enterprise Software Documentation*, available at <http://www.hp.com/go/hpux-core-docs-11iv3>.

The following documents are available on the Instant Information DVD and on the web at <http://www.hp.com/go/hpux-core-docs-11iv3>.

- ***HP-UX 11i Version 3 Release Notes*** — Describes what is new or changed for HP-UX 11i v3.
- ***HP-UX 11i v3 Installation and Update Guide*** — Describes system requirements, provides instructions for cold-installing or updating HP-UX, and includes information about known install/update problems.
- ***HP-UX 11i v3 Read Before Installing or Updating*** — This document.

HP-UX 11i v3 Operating Environments

Table 1 HP-UX 11i v3 Operating Environments

New OE	Description
Base OE (BOE)	Provides integrated HP-UX functionality for customers requiring less complex installations. The BOE contains all the applications included in the Foundation OE, and improves the bundle set by adding much-requested products such as HP Process Resource Manager (PRM) and APA. This OE is bundled <code>HPUX11i-BOE</code> .
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 HP Matrix Operating Environment for HP-UX (formerly HP Insight Dynamics – VSE for Integrity). The VSE-OE is bundled as <code>HPUX11i-VSE-OE</code> .
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, SGeRAC,

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

New OE	Description
Data Center OE (DC-OE)	and HA toolkits required to enable a mission-critical server. This OE is bundled as <code>HPUX11i-HA-OE</code> . 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 <code>HPUX11i-DC-OE</code> .

Firmware requirements

Make sure your system meets the minimum firmware requirements for HP-UX 11i v3 (B.11.31). New IO adapters and certain virtualization applications may require updated firmware. Check the product documentation for further information.

For information about finding firmware, see the *HP-UX 11i v3 Installation and Update Guide* at <http://www.hp.com/go/hpux-core-docs-11iv3>.

Procedures for installing VxFS and VxVM are new

Starting with the September 2009 Operating Environment Update Release (OEUR), the installation of VxFS and VxVM changed. The HP-UX 11i v3 OEUR included the 4.1 and 5.0 versions of VxFS. The *recommended* (default-installed) selection was VxFS 5.0 plus LVM. In the September 2011 OEUR, the *recommended* (default-installed) selection for all systems was VxFS 5.0.1 plus LVM.

As of the March 2012 OEUR, VxFS 5.0.1 is *required* (always-installed) and LVM is *recommended* (default-installed). This has important implications for several install scenarios. For information on how this may impact you, consult Appendix B: “Installing VxFS, OnlineJFS, LVM, and VxVM” of the *HP-UX 11i v3 Installation and Update Guide, September 2012* or later (<http://www.hp.com/go/hpux-core-docs-11i-v3>).

What's new in this release

The following table lists **new** products and features in the September 2012 OEUR. For information on what has **changed**, see the *HP-UX 11i Version 3 September 2012 Release Notes* (<http://www.hp.com/go/hpux-core-docs-11iv3>). Numerous existing HP-UX 11i v3 products also provide new features and enhancements in September 2012.

For a list of the OE contents and associated bundle tags, see the *HP-UX 11i v3 Installation and Update Guide, September 2012* (<http://www.hp.com/go/hpux-core-docs-11iv3>).

Table 2 New products and features in HP-UX 11i v3 September 2012

New Product/feature	Description
USB UHCI controller enhancement	Packet transfer and scheduling implementation has been revised to improve controller performance. See <i>HP-UX 11i Version 3 September 2012 Release Notes</i> at http://www.hp.com/go/hpux-core-docs-11iv3 .
AioEnh	Delivers the POSIX AIO functionality by modifying the <code>aio_reap(2)</code> system call so it waits for the outstanding AIO requests to become equal to the specified number of AIO requests. See <i>HP-UX 11i</i>

Table 2 New products and features in HP-UX 11i v3 September 2012
(continued)

New Product/feature	Description
PCIInfo-00	<p data-bbox="394 215 878 270"><i>Version 3 September 2012 Release Notes</i> at http://www.hp.com/go/hpux-core-docs-11iv3.</p> <p data-bbox="394 298 878 373">Added to all OEs as a <i>recommended</i> (default-installed) product to support HP Smart Update Manager (HP SUM).</p>

Harmless messages and known problems

Before cold-installing or updating to HP-UX 11i v3, make sure you read "Appendix A: Harmless messages and known problems," in the *HP-UX 11i v3 Installation and Update Guide* (<http://www.hp.com/go/hpux-core-docs-11iv3>). The web version of the *HP-UX 11i v3 Installation and Update Guide* is the most up-to-date version of the document.

For information about other known problems, see the product's own documentation at the HP Support Center (HPSC) at <http://hp.com/go/hpsc>. Further information and patches can also be found at the HPSC.

Web resources

- Core HP-UX 11i v3 Documentation

Includes *HP-UX 11i v3 Installation and Update Guide*, *HP-UX 11i Version 3 Release Notes*, and *HP-UX 11i v3 Read Before Installing or Updating*, as well as the multi-volume *HP-UX System Administrator's Guide*. Be sure to select the document appropriate for your release.

<http://www.hp.com/go/hpux-core-docs-11iv3>

- HP Support Center (HPSC)

Includes documentation for HP-UX software, as well as HP products.

The HP IT Resources Center (<http://itrc.hp.com>) portal has been retired and was migrated to the HPSC in June 2011.

<http://hp.com/go/hpsc>

Documentation feedback

HP is committed to providing documentation that meets your needs. To help us improve the documentation, send any errors, suggestions, or comments to Documentation Feedback (docsfeedback@hp.com). Include the document title and part number, version number, or the URL when submitting your feedback.



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