

# HP-UX 11i v3 Read Before Installing or Updating

March 2013



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# Contents

Welcome to HP-UX 11i v3.....	4
Media kit contents.....	5
DVDs.....	5
Documentation.....	6
HP-UX 11i v3 Operating Environments.....	7
Firmware requirements.....	9
Procedures for installing VxFS and VxVM are new.....	10
What's new in this release.....	11
Harmless messages and known problems.....	13
Web resources.....	14
Documentation feedback.....	15

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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

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**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-UX Document Collections* or *A Guide to HP Enterprise Software Documentation*, available at <http://www.hp.com/go/hpux-core-docs-11iv3>.

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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)*

<b>New OE</b>	<b>Description</b>
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, March 2013* 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 March 2013 OEUR. For information on what has **changed**, see the *HP-UX 11i Version 3 March 2013 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 March 2013.

For a list of the OE contents and associated bundle tags, see the *HP-UX 11i v3 Installation and Update Guide, March 2013* (<http://www.hp.com/go/hpux-core-docs-11iv3>).

**Table 2 New products and features in HP-UX 11i v3 March 2013**

<b>New Product/feature</b>	<b>Description</b>
<b>Enhanced boot capability</b>	Starting with the March 2013 release of HP-UX 11i v3, maximum boot disk size supported with Logical Volume Manager (LVM) is increased from 2 TB to 16 TB. Not available on PA-RISC platforms, and with VxVM and whole disk (no volume manager) boot layouts. See <i>HP-UX 11i Version 3 March 2013 Release Notes</i> ( <a href="http://www.hp.com/go/hpux-core-docs-11iv3">http://www.hp.com/go/hpux-core-docs-11iv3</a> ).
<b>HP Operations agent</b>	Version 11.11 helps you monitor the health and performance of the system. With additional licenses, you can use the HP Operations agent in an environment managed by HP Operations Manager (HPOM). Newly added as a <i>recommended</i> (default-installed) product in the

**Table 2 New products and features in HP-UX 11i v3 March 2013** *(continued)*

New Product/feature	Description
<b>HP Secure Development Lifecycle</b>	DC-OE, HA-OE, and VSE-OE. See <i>HP Operations agent release notes</i> at <a href="http://h20230.www2.hp.com/selfsolve/manuals">http://h20230.www2.hp.com/selfsolve/manuals</a> . (Requires HP Passport. After logging in, search for "Operations Agent.")
<b>VFS-SHWRSPL-ENH</b>	Starting with the March 2013 release, the HP Secure Development Lifecycle provides the ability to authenticate HP-UX software. Software delivered through an Operating Environment (OE) or the AR media is now digitally signed using HP's private key. You can now verify the authenticity of the software before, or during, installation of an OE or products delivered through the OE or AR media. For more information, see the Software Distributor documentation at <a href="http://www.hp.com/go/sd-docs">http://www.hp.com/go/sd-docs</a> and the Ignite-UX documentation at <a href="http://www.hp.com/go/ignite-ux-docs">http://www.hp.com/go/ignite-ux-docs</a> .
<b>VFS-SHWRSPL-ENH</b>	Delivers the product VfsShwrsplEnh, which uses new lock interfaces from the SyncShwrspl product to enhance the pathname traversal component of the HP-UX kernel to reduce vnode spinlock contention on Superdome servers. See <i>HP-UX 11i Version 3 March 2013 Release Notes</i> ( <a href="http://www.hp.com/go/hpux-core-docs-11iv3">http://www.hp.com/go/hpux-core-docs-11iv3</a> ).

## 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 other 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

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