HP-UX 11i v3 Read Before Installing or Updating

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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.
- 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* on the Instant Information DVD and at http://hp.com/go/hpux-core-docs.

Media kit contents

DVDs

- **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 documentation. Useful if you don't want to go on the web.

Documentation

NOTE: Documents at http://docs.hp.com are being migrated to the HP Business Support Center (BSC) website (http://hp.com/bizsupport), which houses both technical documentation and additional product support information. When the migration is complete, under the HP-UX section of the http://docs.hp.com homepage, you will find a link to redirect you to the new BSC location. For more information, see "More info on document moves to BSC" at the bottom of the http://docs.hp.com/ homepage.

The following document can be found in the media kit and on the web at http://hp.com/go/hpux-core-docs:

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

The following documents can be found on the HP-UX 11i v3 Instant Information DVD and on the web at http://hp.com/go/hpux-core-docs:

- ***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 Operating Environments

Starting with the March 2008 release, HP provides a set of new Operating Environments (OEs) for HP-UX 11i v3. These new OEs, 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.

For information on transition and mapping from the original OEs to the 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

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 `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)*

New OE	Description
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 `HPUX11i-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 `HPUX11i-DC-OE`.

Finding firmware

Make sure your system meets the minimum firmware requirements for the latest HP-UX 11i v3 (B.11.31) release. HP recommends that you update to the latest firmware available before installing or updating to HP-UX 11i v3.

Verifying and downloading firmware

1. Go to http://www.hp.com.
2. Select the **Support & Drivers** tab, then **Download drivers and software**.
3. Enter your product name or number and click **Go**.
4. If necessary, select your specific product from the search results.
5. Choose the OS or **Cross operating system (BIOS, Firmware, Diagnostics, etc.)**
6. Click the bundle to see release notes and other information.
7. See the release notes or installation instructions to verify you have the latest firmware version.
8. If necessary, click **Download** to download the firmware bundle.

Receiving firmware alerts

1. Go to http://www.hp.com/go/myhpalerts.
2. Follow the instructions to register each of your products.

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.

Procedures for installing VxFS and VxVM are new as of 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 information on how this may impact you, consult Appendix B: “Installing VxFS and VxVM” of the *HP-UX 11i v3 Installation and Update Guide*, September 2009 or later (http://hp.com/go/hpux-core-docs).

What's new in this release

Unless otherwise noted, see the *HP-UX 11i Version 3 September 2010 Release Notes* (http://hp.com/go/hpux-core-docs) for further information about the following ***new*** products and features.

For information on what has ***changed***, also see the *HP-UX 11i Version 3 September 2010 Release Notes* (http://hp.com/go/hpux-core-docs). Numerous existing HP-UX 11i v3 products also provide new features and enhancements in September 2010.

For a list of the OE contents and associated bundle tags, see the *HP-UX 11i v3 Installation and Update Guide, September 2010* (http://hp.com/go/hpux-core-docs).

Table 2 New products and features in HP-UX 11i v3 September 2010

New Product/feature	Description
HP Serviceguard Extension for Oracle E-business Suite B.01.00	Provides high availability to Oracle E-business Suite in a Serviceguard cluster. Newly added to the HA-OE and DC-OE. Includes support for HP Serviceguard A.11.19 and A.11.20, Oracle 11g R2, and high availability for databases and the application tier. See *HP Serviceguard Extension for Oracle E-business Suite B.01.00 Release Notes* at http://hp.com/go/hpux-serviceguard-docs.
HP Serviceguard Toolkit for Oracle Data Guard B.01.00	Ensures high availability for Data Guard processes, provides disaster protection and recovery for Oracle databases and the applications that use these databases. Newly added to the HA-OE and DC-OE. Includes support for HP Serviceguard A.11.19 and A.11.20, Single instance and Oracle RAC databases, Data Guard in Continentalclusters and Metrocluster environments, and Oracle 11g R2. See *HP Serviceguard Toolkit for Oracle Data Guard B.01.00 Release Notes* at http://hp.com/go/hpux-serviceguard-docs.
Tunable for aggressive kernel memory caching	Provides tunable *kmem_aggressive_caching* to give you control over the caching and pre-allocation of kernel memory pages.

Table 2 New products and features in HP-UX 11i v3 September 2010 *(continued)*

New Product/feature	Description
HP-UX Apache-based Web Server	`hpuxwsapache` has been replaced by `hpuxws22apache` (Apache 2.2.8.08), which combines Apache with numerous popular modules from other Open Source projects and provides HP value-added features for HP-UX. See *HP-UX Apache-based Web Server v.3.08 Release Notes* at https://h20392.www2.hp.com/portal/swdepot/displayProductInfo.do?productNumber=HPUXWSATW308.
HP-UX Tomcat-based Servlet Engine	`hpuxwsTomcat` has been replaced by `hpuxws22Tomcat`, which provides Java-based extensions for dynamic content generation through Servlets and JavaServer Pages (JSPs). See *HP-UX Apache-based Web Server v.3.08 Release Notes* at the preceding website.
HP-UX Webmin-based Admin	`hpuxwsWebmin` has been replaced by `hpuxws22Webmin` (A.1.070.11), which is a Configuration and Administration GUI with extensive enhancements for the HP-UX Apache-based Web Server. See *HP-UX Apache-based Web Server v.3.08 Release Notes* at the preceding website.

Table 2 New products and features in HP-UX 11i v3 September 2010 *(continued)*

New Product/feature	Description
***io_cdsf_config*(1M) command and *iocdsfd*(1M) daemon**	Together with HP Serviceguard A.11.20, this set supports the ability to create cluster-wide device-special files across a Serviceguard cluster.
Cluster Device Special Files (cDSF)	Included in the `FEATURE11i` patch bundle, the *intro*(7) manpage patch (`PHCO_41169`) describes the cluster DSF feature provided by the new *io_cdsf_config*(1M) patch (`PHCO_40899`)

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 "Appendix A: Harmless messages and known problems," in the *HP-UX 11i v3 Installation and Update Guide* (http://hp.com/go/hpux-core-docs). Select the edition appropriate to your release.

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

After installation, HPVM might hang upon reboot

Due to a possible timing issue, HPVM might hang upon reboot after it is installed. This is an intermittent issue.

What to do By mid-August 2010, a fix for this issue (patch `PHKL_41227`) will be available at the IT Resource Center (http://itrc.hp.com). For further information, see QXCR1001043684 at http://itrc.hp.com. Click **Search knowledge base**, then select **Search by document ID** for your search mode. Enter "ttr_na-SSB_1001043684" in the box.

Web resources

- HP-UX 11i v3 Documentation

  Includes the *HP-UX 11i v3 Installation and Update Guide*, the *HP-UX 11i Version 3 Release Notes*, and *HP-UX 11i v3 Read Before Installing or Updating* (this document on the web). Be sure to select the document appropriate for your release.

  http://hp.com/go/hpux-core-docs

- *HP-UX System Administrator's Guide*

  http://hp.com/go/hpux-core-docs

- Ignite-UX

  http://hp.com/go/ignite-ux

- Software Depot

  http://software.hp.com

- IT Resource Center (ITRC)

  http://itrc.hp.com

- HP_UX_Docs Twitter account

  http://www.twitter.com/HP_UX_Docs

- Documentation feedback

  http://hp.com/bizsupport/feedback/ww/webfeedback.html

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