



HP-UX 11i v3

Datasheet



Introduction

For mission-critical applications, the maturity and stability of UNIX® is unmatched. From small and medium businesses to large enterprises, HP-UX can meet growth demands, reduce costs, and mitigate risks. The latest release, HP-UX 11i v3 Update 3, runs on both HP Integrity and HP 9000 servers.

Key features and benefits

HP-UX 11i v3 Update 3 released in September 2008 delivers high-performance capabilities for demanding applications such as online transaction processing and decision support, while offering cross-architectural interoperability, compatibility, and manageability features. Key new features and benefits in HP-UX 11i v3 Update 3 are as follows:

- Increase application (SAP, JAVA, Oracle) performance by up to 20% with Locality Optimized Resource Alignment
- Increase performance sensitive workloads with Tune-N-Tools tuneserver (1m)
- Improve flexibility to view measurement information from one system on a different system and track and report kernel activity through ktrace integration using Caliper 5.0

- Provide support for Decimal Floating Point data-type with HP aC++/HP ANSI C and WDB 5.9
- Improve I/O performance enabling I/O intensive applications including backup with Accelerated Virtual I/O and HPVM 4.0 (also includes the VM host for HP-UX 11i v3)
- Facilitate more robust and automated cluster failover with Metrocluster disaster tolerant solution for Oracle 10g RAC
- Reduce license, administration, and server costs through one step provisioning and kits for Oracle, Apache, and SSH with Secure Resource Partitions 2*
- Simplify management with consolidated, at-a-glance multi-system reporting with Software Assistant multi system report*
- Enjoy greater flexibility for maintenance and recovery with Dynamic Root Disk rehosting
- Enjoy up to 10% reduced power usage with dynamic power savings capability

Since the March 2008 release, HP offers a set of new OEs for Version 3 of HP-UX 11i. These new OEs provide a richer set of products and improved choices over the original set of HP-UX 11i OEs. Customers can now obtain the OE's integration, testing, and ease of deployment, covering a powerful set of software designed to provide business-critical virtualization.

* Will be released on the Web 2H CY2008

Key product components of HP-UX 11 i v3 operating environments

HP-UX 11i v3 Base Operating Environment

- Network drivers
- Host intrusion detection
- IPFilter
- IPsec
- Secure Shell
- Open Secure Sockets layer (SSL)
- Pluggable Authentication Module (PAM) Kerberos
- Install-time security
- Software Assistant
- HP-UX Bastille
- Lightweight Directory Access Protocol (LDAP)-UX integration
- Common Desktop Environment (CDE)
- Practical Extraction and Report Language (Perl)
- Network file system (NFS)
- Red Hat Directory Server
- Mozilla Web browser
- HP-UX Web Server Suite
- JavaTM OOB tuning tools
- Java Runtime Environment (RTE), Java Development Kit (JDK), Java Platform Interface (JPI)
- Internet Express (ships with kit)
- Internet Content Adaptation Protocol (iCAP) and pay-per-use enablement
- Trial HP Global Workload Manager (gWLM) agent
- Common Internet File System (CIFS) client and server
- HP Logical Volume Manager
- Base Veritas Volume Manager
- Base Veritas File System
- HP Event Monitoring Service (EMS) framework
- HP Software Distributor-UX
- Online diagnostics
- Software Package Builder
- Partitioning providers and management tools
- HP Ignite-UX
- Distributed Systems Administration Utilities
- HP Systems Insight Manager
- HP System Management Homepage (Web-based systems management tool)
- Process Resource Manager (PRM)
- Wildebeest Debugger (WDB)
- C++ Linking for Oracle E-Business Suite
- Caliper Performance Tool
- Auto Port Aggregator (APA)
- Math Library (MLIB)
- Message Passing Interface (MPI)
- 3D Graphics Run Time Environment
- Dynamic Root Disk

Key product components of HP-UX 11 i v3 operating environments (Cont.)

HP-UX 11i v3 Virtual Server Operating Environment

This includes the Base OE and the following:

- GlancePlus Pak
- High availability monitors
- HP Capacity Advisor License to Use (LTU)
- HP Global Workload Manager LTU
- HP Virtualization Manager LTU
- HP VSE Suite LTU
- HP OnlineJFS 4.1
- HP-UX Workload Manager
- HP-UX Workload Manager Toolkits
- Mirrordisk/UX
- HP-UX Virtual Partitions
- HP Integrity Virtual Machines

HP-UX 11i v3 High Availability Operating Environment

This includes the Base OE and the following:

- HP Serviceguard
- HP Serviceguard NFS Toolkit
- Enterprise Cluster Master Toolkit
- GlancePlus Pak
- High availability monitors
- HP OnlineJFS 4.1
- Mirrordisk/UX

HP-UX 11i v3 Data Center Operating Environment

This includes the Base OE, VS-OE, HA-OE and the following:

- GlancePlus Pak
- High-availability monitors
- HP Capacity Advisor LTU
- HP Global Workload Manager LTU
- HP Virtualization Manager LTU
- HP VSE Suite LTU
- HP OnlineJFS 4.1
- HP-UX Workload Manager
- HP-UX Workload Manager Toolkits
- Mirrordisk/UX
- HP-UX Virtual Partitions
- HP Integrity Virtual Machines
- HP Serviceguard
- HP Serviceguard Network File System (NFS) Toolkit
- Enterprise Cluster Master Toolkit

Increased value for existing customers

New OEs offer existing HP-UX 11i customers with support contracts upgrades to v3 and the new OEs at no additional charge. The new OEs deliver more software.

Existing OE upgrades could be as follows:

- Foundation OE to Base OE
- Technical Computing OE to Base OE
- Enterprise OE to Virtual Server OE
- Mission Critical OE to Data Center OE

Contact your sales representative for details.

For more information

To learn more about how HP Integrity servers are one of the outstanding choices for today's dynamic IT environments, contact your local HP sales representative or authorized HP reseller, or visit www.hp.com/go/integritynow

HP Services

HP service solutions, built on the Solution Lifecycle (SLC) process, offer consistent quality and service levels for the Integrity NonStop servers. The SLC process helps to achieve rapid productivity and increased availability by examining specific needs at each of five distinct phases (Plan, Design, Integrate, Install, and Manage) and then designing solutions based upon those needs. We offer three different service solutions designed to meet customer needs:

HP Critical Service Solution

- **Startup and Deployment Services:** Build the solution to your exact specifications, complete the installation, and make the solution application ready
 - **Assessment and Design Services:** Define requirements and translate your business and technical needs into a solution that melds the necessary hardware and software
 - **Deployment Management Services:** Up-front project coordination from HP
 - **Education Services:** Training curricula relevant to needs and existing expertise based upon a needs analysis
- **HP Critical Service:** Comprehensive, ongoing support designed to help reduce the business impact of downtime on business-critical applications

HP Proactive Service Solution

- **Startup and Deployment Services**
- **HP Proactive 24 Service:** Integrated hardware and software support, including proactive and reactive services to improve stability and availability throughout your IT environment

HP Foundation Service Solution

- **Startup and Deployment Services**
- **HP Proactive Plus 24 Service:** Integrated hardware and software support services designed specifically for your technology

For more information: www.hp.com/services/nonstop

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To learn more, visit www.hp.com/go/hpux11inow

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