



HP-UX 11i on HP Integrity servers

Overview

- Execute initiatives faster and more efficiently with business-critical virtualization
- Consistently meet the real-time demands of business with dynamic scalability
- Get the continuous availability required by today's 24x7 enterprise

When it comes to running business-critical applications, it is hard to beat the performance and programming flexibility of UNIX®. But as business-critical applications grow and expand across your enterprise, the resulting complexity makes it more expensive to manage and maintain the environment, and more difficult to keep up with new project implementations. Meanwhile, end users demand ever-increasing service levels—and businesses demand round-the-clock availability.

To address these challenges, many companies are looking for ways to get more out of UNIX—to accelerate business growth, lower costs, and mitigate risks. At HP,

we believe the best way to get more out of UNIX for enterprises of all sizes is to choose a business technology infrastructure designed for the unpredictable world of business—a virtualized environment that is dynamically scalable and continuously available—an environment like HP-UX 11i on HP Integrity servers. The fact is that your choice of server platform is just as critical as your choice of UNIX distribution. By pairing HP-UX 11i with HP Integrity servers, you can leverage an automated virtual infrastructure that seamlessly adapts to change, continually delivering enhanced performance as you scale. And you get business-critical reliability with the economics of a standards-based platform, enabling you to reduce the cost and risk of doing business in a 24x7 global marketplace. So, as you explore the capabilities of HP-UX 11i, consider the added value that HP Integrity servers provide. It is the ideal way to help improve returns on business initiatives with greater speed, savings, and certainty.

Bring out the best in HP-UX 11i with HP Integrity servers

By running HP-UX 11i on Integrity servers, you get a powerful, standards-based platform that allows you to virtualize and automate your infrastructure to flex resources in real time, achieve 24x7 lights-out computing, and gain efficiencies to reduce total cost of ownership dramatically. Integrity servers with Intel® Itanium® processors let you bring out the best in HP-UX 11i, enabling applications to deliver results faster, transactions to complete securely, and new innovations to be executed more efficiently—all with cost advantages that HP-UX 11i brings throughout your business technology lifecycle.

Delivering a suite of capabilities that operate as one

When you choose a UNIX operating environment for your most critical applications, you want to be sure it delivers the full range of features you need, without a lot of administrative headaches. With HP-UX 11i, you get a full suite of capabilities—all integrated and rigorously tested with robust engineering discipline to operate as a single system.

Execute initiatives faster and more efficiently with business-critical virtualization

We understand that an ongoing challenge is how to maintain high service levels as you respond quickly to new business demands. You can meet this challenge with the increased agility you get from HP-UX 11i on Integrity servers.

One of the ways we boost speed and efficiency is through the HP Virtual Server Environment (VSE) for HP-UX 11i, which lets you enhance your server utilization in real time with changing business demand. HP VSE delivers additional resources to critical applications during peak times by creating virtual servers that automatically grow and shrink as business needs change. In fact, you can double your server utilization with the VSE. And it integrates business-critical virtualization, high availability, simplified management, and utility pricing. So you can achieve more results with every hour, watt, and dollar. To further enhance your business agility, HP-UX 11i also provides dynamic volume and file system expansion to keep your storage environment aligned with business growth beyond the next decade.

Keep IT running at the speed business demands.

With constant pressure to meet real-time business demands, you can count on HP-UX 11i to flexibly grow capacity as your needs change. You can flexibly scale up or scale out across a broad range of servers, including Integrity blades—so you can accurately size and deliver the right level of performance to match your business needs.

Additionally, HP-UX 11i offers advanced, integrated security solutions, including identity management, encrypted volume and file system, and real-time intrusion detection, that seamlessly protect applications without modification. To maintain continuous business operations, HP-UX 11i provides mainframe-class UNIX system availability and disaster tolerance with the HP Serviceguard portfolio so you can reduce unplanned downtime or take control of planned downtime.

HP-UX 11i v3 operating environments

HP-UX 11i v3 Data Center OE (DC-OE)	Business critical virtualization built in—the Data Center OE is the ideal offering for customers who are consolidating, or building an infrastructure for the future. Because the powerful software within the DC-OE is integrated and tested with the operating system, it is an effective choice for a highly available virtualized environment. DC-OE is a complete, fully tested, and integrated UNIX offering available.
HP-UX 11i v3 High Availability OE (HA-OE)	For customers requiring high availability for large business critical applications, this OE contains all the products included in the base operating environment (BOE) (and the original enterprise operating environment (EOE)), in addition to applications such as HP ServiceGuard and high availability (HA) toolkits required to enable a business-critical server.
HP-UX 11i v3 Virtual Server OE (VSE-OE)	Designed for customers seeking higher resource utilization or embarking on consolidation projects and 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.
HP-UX 11i v3 Base OE	The BOE provides an integrated HP-UX operating environment for customers requiring less complex installations. The Base OE includes the entire original foundation operating environment (FOE), and offers complete HP-UX functionality including security, networking, Web functionality, and software management applications.

HP-UX 11i v3 operating environments

HP-UX 11i—trusted for business-critical applications around the world

For business-critical applications, UNIX is a trusted and proven operating environment. As you evaluate UNIX offerings, consider this:

- To get the most out of your UNIX environment, it takes an integrated suite of technologies that provide virtualization, dynamic scalability, and continuous availability.
- Leading enterprises of all sizes around the globe trust fully integrated HP-UX 11i operating environments because of their robust, versatile, and integrated capabilities that enhance efficiency.
- A flexible and efficient line of servers—like the HP Integrity server family—enables you to streamline resource utilization in a virtualized HP-UX 11i environment.
- HP is committed to HP-UX for the long term and is continually enhancing the operating environments to extend our Adaptive Infrastructure offerings to deliver the next-generation datacenter.

When you look at the complete set of offerings available with HP-UX 11i, you will find an operating environment designed for the rigors of business-critical applications—with the integrated capabilities to efficiently meet the high service-level expectations of end users as your business grows and changes. With the March 2008 release, HP presents a set of new

operating environments for version 3 of HP-UX 11i.

These new operating environments provide a richer set of products and improved choices over the original set of HP-UX 11i OEs. Operating Environments (OEs) are tested and integrated application bundles designed to work with the operating system to provide a simplified and integrated business-critical UNIX environment.

Reduce costs by simplifying management

If you want to free your best resources to focus on innovation, then you need to automate administrative tasks and leverage a unified infrastructure management environment to reduce the time and cost of ongoing operations and maintenance.

HP-UX 11i provides a powerful, unified infrastructure management solution that will allow your administrators to monitor the health of servers and proactively troubleshoot complex problems spanning servers and storage. Enabling this unified management environment is a wide range of integrated tools such as HP Systems Insight Manager (HP SIM) and HP System Management Homepage (HP SMH), which allow you to manage HP-UX 11i, Windows, and Linux servers more easily and efficiently through a common interface. These features are bundled as part of all HP-UX 11i operating environments. And when used in conjunction with Integrity Essentials and Storage Essentials value-added plug-ins, these tools create a unified, easy-to-use platform that enables you to cut costs by holistically managing your environment with fewer staff.

HP Financial Services—put the power of the HP portfolio to work for you

In addition to offering a strong portfolio of products, services, people, tools, methodologies, and world-class partnerships, HP makes it easy on your balance sheet with flexible options from HP Financial Services. For more information on these services, contact your HP sales representative, or visit:

www.hp.com/go/hpfinancialservices

For more information

To learn more about how HP Integrity servers are the best choice for today's dynamic IT environments, contact your local HP sales representative or authorized HP reseller, or visit: www.hp.com/go/integrity

HP Services

HP Services provides the right people to apply technology for better business outcomes, helping you take full advantage of your HP-UX 11i environment—to get the dynamic scalability, intelligent virtualization, and continuous availability your business demands. From initial assessment and design to ongoing support, HP is your single point of contact and accountability. Our Services portfolio offers:

- **Assessment and design services** to translate your business and technical needs into a solution that melds the necessary hardware and software support
- **Deployment services** for reduced risk during installation and startup, coupled with expert implementation and integration:
 - HP Factory Express—customized factory configurations and onsite deployment
- **Premium hardware and software services** to help reduce downtime and meet service levels in business-critical environments:
 - HP Proactive 24 Service—integrated hardware and software support, including proactive and reactive services to improve stability and availability across your IT environment
 - HP Critical Service—comprehensive support designed to help reduce the business impact of downtime for business-critical applications
- **Education** options providing traditional and virtual classroom courses with self-paced curricula and focused consulting services to deliver a customized and highly effective learning experience

You have a wide range of options from HP Services to help you assess, design, deploy, operate, and support the business technology that runs your business. And we back our offerings with an extensive track record of success helping enterprises meet their changing business needs.

For more information, visit: www.hp.com/hps/support

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

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