



“VMware’s Infrastructure 3 provides the server virtualization foundation AMD uses to successfully consolidate and manage over 200 physical Windows servers. Deploying HP ProLiant servers built with Next-Generation AMD Opteron™ processors we have the high performing, reliable IT infrastructure needed for our consolidation. With VMware and HP we’re reducing our hardware server count by more than 90% while maintaining our client SLAs.”

Walter Smith,
AMD Fellow and Director of IT
Strategy and Enterprise Architecture

The benefits of the VMware Virtualization solution.

- **Ease Infrastructure Operations.** Get a single view of the physical and virtual IT infrastructure with the HP and VMware Operations Pack.
- **Optimize resources.** Pool and share resources and consolidate the number of servers by as much as 10 times. Now and in the future.
- **Deliver high availability.** Maintain true zero downtime, with auto-failover protection and disaster-recovery.
- **Enable real-time response.** Dynamically allocate resources based on business priorities, as they happen.
- **Lower costs.** Realize measurable savings in both capital and operating costs.

VMware and HP: End-to-End Virtualization of your IT environment.

A Shared Vision of IT

What happens when one of the global leaders in x86 platforms and the global leader in virtual infrastructure become mutual partners in realizing the next generation of IT? They completely redefine what’s possible in the data center.

VMware virtualization software and HP hardware and software are simplifying the infrastructure and breaking down the silos that characterize the underutilized data center. No longer do applications need to depend on single servers. Downtime is a thing of the past. And real-time response to business needs is not only possible, it’s happening every day for over 20,000 customers worldwide, including each of the *Fortune* 100 companies.

It’s clear that virtualization is not only mainstream, but is key to remaining competitive in today’s markets. Now is the time to choose a proven solution that puts your organization on a secure path to realizing the potential of your data center.

The End-to-End Virtualization Solution

VMware and HP offer you an end-to-end, tightly integrated virtualization solution that incorporates everything you need, including VMware software and HP platforms, management tools and services. We work with you to design, build, integrate, manage, and evolve a virtual enterprise that lets you effectively respond to changes in your business.

True Integration. It takes more than two companies sharing a vision to offer a complete virtualization solution. That’s why:

- VMware and HP engineers reside in each other’s workspace, working side-by-side to develop virtualization solutions.
- HP uses VMware software in their mission-critical production environments daily.
- HP Services and Support organizations have undergone extensive training to become certified VCP’s delivering VMware Infrastructure solutions.
- VMware has certified a large selection of HP server and storage platforms.

The result? No matter how diverse your infrastructure, you’ll find a virtualization solution to fit your needs.

Single Console Management. The HP and VMware Operations Pack improves IT staff efficiency by offering the ease of a single view into the physical and virtual IT infrastructure.

Best-In-Class Services. To bring it all together, VMware, the HP Services organization and a broad selection of HP channel partners help you through the process of evaluating your needs, planning your solution, and deploying and operating your virtualization environment.

No other two companies offer this unique set of tightly integrated virtualization management capabilities. With VMware and HP, you’ll experience a predictable, cost-effective evolution to virtualized IT, from assessment through support.



HP BladeSystem Servers

Core Solution Components

Industry-leading VMware software. VMware provides the core-building blocks of a virtualization solution that simplifies your IT infrastructure while fully leveraging existing computing investments.

The complete solution consists of VMware ESX Server software combined with complementary software products from HP and VMware. Together, they provide an enterprise-ready virtual machine environment.

HP servers and storage certified for VMware. HP ProLiant servers provide ideal platforms for virtualization on industry-standard hardware. HP StorageWorks arrays are rigorously tested with VMware and offer unparalleled features and enterprise-class data protection. With HP, you have the added assurance that comes with hardware and software that have been certified for VMware. Certification allows you to run your business-critical applications with confidence, knowing HP has tested key components within the virtualized stack.

3 Steps to Realizing Your Data Center's Potential

Best Practices. Implementing virtualization solutions with global leaders like VMware and HP means all processes draw on best practices and established methodologies to guide you through the stages of a virtualization initiative.

- 1. Planning.** In this step, we work with you to gather inventory and performance data for your current environment and identify the appropriate hardware for your virtualization solution, including servers, storage and networking gear. Tools used in this phase include HP online planning resources and the VMware Capacity Planner, which creates capacity profiles for large environments.
- 2. Deployment and Migration.** With sound planning as a foundation, you take the next step and begin building and assembling racks for servers, networking and storage and installing operating systems. You're also now ready to begin putting virtualization tools into place. HP professionals trained extensively on VMware software and HP channel partners work with your team to deploy virtualization technology. They will also work with you to manage and migrate existing applications from physical servers to virtual machines.
- 3. Operation.** Once your virtualized environment is in place, management tools in the HP and VMware Operations Pack allow you a single view of the IT operations by providing comprehensive event management, proactive performance monitoring, and automated alerting, reporting and graphing of middleware and applications on physical and virtual machines.



HP StorageWorks
Enterprise Virtual Array

Of course, you can also depend on the HP Services organization for worldwide support of your virtualization solution. HP support personnel work closely with the VMware support organization and have been extensively trained on VMware software. You can be sure you'll have easy access to the expertise you need to support an optimized, high performance virtualized environment.



Get started today

VMware offers a wealth of free resources to help you learn more about virtualization and its benefits for your organization, including local seminars, webinars, downloadable white papers and more. To learn more about the VMware and HP virtualization solution, please visit www.hp.com/go/VMware.