

HP storage for VMware virtualized environments

The full power of HP and VMware for small to medium businesses



HP StorageWorks solution brief



Virtualization—the must-have technology, now and in the future

If you've done any reading on IT lately, you're no doubt familiar with one of the hottest topics in the IT world—virtualization.

But don't let the hype fool you—virtualization is more than a passing trend. Virtualization can help any size organization consolidate resources, enhance infrastructure utilization, improve disaster recovery and better allocate resources.

That's why HP and VMware created a virtualization solution designed for small and medium businesses. This end-to-end solution combines server virtualization software from VMware with the simple allocation and management capabilities of HP servers and storage. At an accessible price point.

To take advantage of all of the VMware ESX features, network storage is required. Now you can leverage the HP StorageWorks Modular Smart Array 2000 (MSA2000) or HP StorageWorks All-in-One Storage System (AiO) attached to either HP BladeSystem or HP ProLiant servers.

In vogue with virtualization

Virtualization is a hot item, but you shouldn't just buy whatever is on the shelf. The HP and VMware solution allows you to build a custom solution that's perfect for your business needs. The result: a simple, cost-effective technology environment that easily scales with your business, and is practically self-sufficient.

First, choose the right storage platform. The HP StorageWorks MSA2000 with fibre channel or iSCSI storage array options features the latest in functionality and ease-of-management. For high availability and performance needs, choose the HP MSA2000 external

storage array. HP StorageWorks AiO Storage Systems combine an enhanced HP ProLiant Storage (file) Server and an entry level iSCSI storage array with integrated data protection without the cost or complexity.

Choose tower or rack form factors, as well as SAS and SATA drives. HP BladeSystem servers give you the option for internal storage with the HP StorageWorks All-in-One SB600c Storage Blade. Choose between HP ProLiant rack and tower servers or HP BladeSystem c3000 or c7000 enclosures with 8- or 16-slots for choice, flexibility and consolidation.

Then choose from HP Simply Business Protection options for data protection. Your choices include HP stand-alone tape drives, tape libraries, or automated solutions using either DAT or Linear Tape-Open (LTO) Ultrium technology, as well as HP StorageWorks disk-to-disk and disk-based data protection solutions.

HP Services deliver expert advice and personalized reliable IT support that suits you—at a price you can afford. Select from a portfolio of packaged services that span your storage lifecycle and complement your staff and skills with HP Certified Partners.

HP Simply StorageWorks delivers better business outcomes by bringing together the tools, solutions, products, and services to navigate the storage landscape, bridging the gap between data explosion and your IT infrastructure. With simple, affordable and reliable storage consolidation and business protection, HP can help improve the efficiency, performance and continuity of your business.

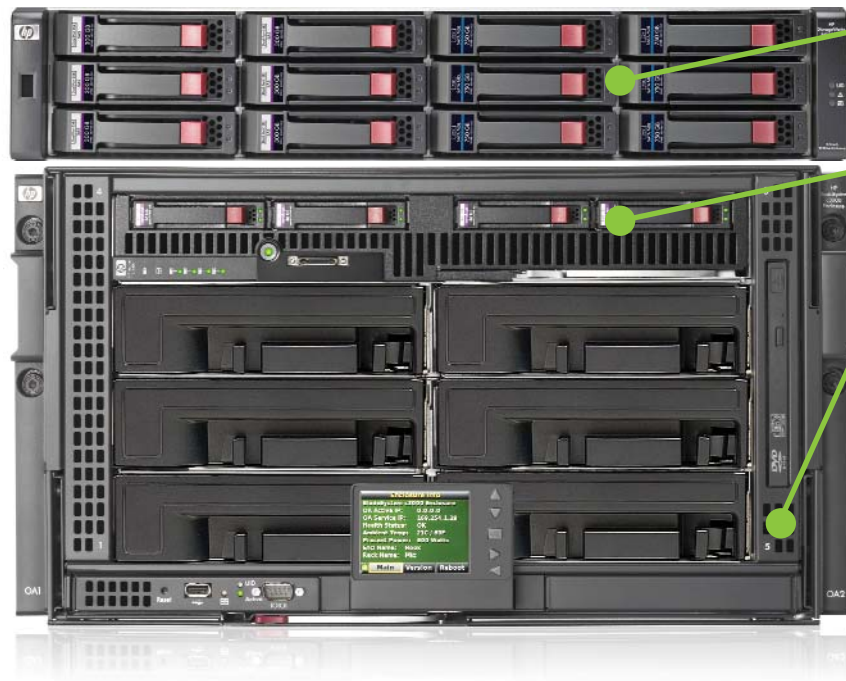
Contact your HP partner or sales representative to analyze your needs and propose a configuration.

Isn't it time your company virtualized?



HP storage solutions for small and medium businesses

- 1 HP BladeSystem c3000 Enclosure running HP Insight Control Environment Software
- 1 HP ProLiant BL480c G1 Server Blade with 4GB RAM and 2 processors and 2 36GB 15k 2.5 SAS HP Smart Plug hard disk drive



HP StorageWorks 2012i Modular Smart Array
iSCSI array

HP ProLiant BL480c Server Blade
X5460, 4G, 2 processors

HP BladeSystem c3000 enclosure
Single phase with 2 power supplies, 4 fans, 8 HP Insight Control Environment Software (ICE) full licenses

For more configurations examples, please ask your HP sales rep or HP reseller



HP StorageWorks All-in-One SB600c Storage Blade

- Simple direct attached storage shared storage for your c-Class application servers
- Enhanced file serving for end-user clients
- Data protection software to keep your data safe and secure
- Allowing your business to lower costs, increase efficiencies, and respond to rapid data growth



HP StorageWorks 2000 Modular Smart Array

- Reliable storage consolidation for departmental and remote environments
- Fibre channel and iSCSI host interface
- Scale capacity to 48 SAS or SATA drives
- Browser based management



HP StorageWorks 1200 All-in-One Storage System

- Radically simple, integrated and affordable solution to allow you to manage, grow and protect data
- Designed to be deployed and managed by IT generalists
- Revolutionary All-in-One Storage Manager (ASM) interface automates storage tasks, masks complexity, and presents capacity in familiar application-centric terms



HP Insight Control Environment (ICE) Software

- Reducing unplanned downtime and travel to remote facilities
- Reducing the time and cost associated with infrastructure rollout, changes, and updates
- Improving server density through accurate characterization of power usage and thermal output

Technology for better business outcomes

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