



VMware® Server 2

A Risk-Free Way to Get Started with Virtualization

AT A GLANCE

VMware Server provides a superior introductory experience to virtualization with a stable, easy-to-use hosted virtualization platform that supports a broad range of operating systems and hardware. This next-generation version introduces a new intuitive Web-based management interface to provide a consistent management experience for Windows® and Linux users. VMware Server allows quick provisioning of virtual machines by supporting over 30 flavors of guest operating systems, including Windows Server® 2008, Windows Vista and various Linux distributions. Using proven and stable technology, VMware Server leverages the built-in virtualization capabilities in the latest generation server hardware to deliver higher performance.

BENEFITS

- Provision additional servers in minutes without investing in new hardware.
- Run Windows, Linux, Solaris® and Netware® operating systems and applications on the same physical server.
- Increase the CPU utilization of a physical server.
- Move virtual machines from one physical server to another without re-configuration.
- Capture the entire state of a virtual machine and roll back to that configuration with the click of a button.
- Choose to access enterprise-class product support.
- Easily move virtual machines to VMware Infrastructure.

What Is a Virtual Machine?

A virtual machine is a tightly isolated software container that can run its own operating systems and applications as if it were a physical computer. A virtual machine behaves exactly like a physical computer and contains its own virtual (i.e., software-based) CPU, RAM hard disk and network interface card (NIC).

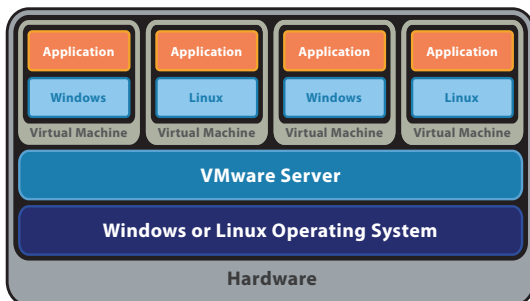
How Can I Use VMware Server?

With VMware Server you can:

- Accelerate server provisioning by building a virtual machine once and deploying it multiple times.
- Easily evaluate software in ready-to-run virtual machines, without installation and configuration.
- Simplify IT testing of patches, new applications and operating systems by allowing systems administrators to test in a secure virtual machine environment and be able to roll back to a clean state by using the snapshot feature.
- Re-host legacy operating systems such as Windows NT Server 4.0 and Windows 2000 Server in a virtual machine running on new hardware and operating system.
- Leverage pre-built, ready-to-run virtual appliances that include virtual hardware, operating system and application environments from the Virtual Appliance Marketplace.

How Does VMware Server Work?

VMware Server installs and runs as an application on top of a host Windows or Linux operating system. A thin virtualization layer partitions the physical server so that multiple virtual machines can be run simultaneously on a single server. Computing resources of the physical server are treated as a uniform pool of resources that can be allocated to virtual machines in a controlled manner. VMware Server isolates each virtual machine from its host and other virtual machines, leaving it unaffected if another virtual machine crashes. Data does not leak across virtual machines and applications can only communicate over configured network connections. VMware Server encapsulates a virtual machine environment as a set of files, which are easy to back-up, move and copy.



VMware Server partitions a physical server into multiple virtual machines.

New Features in VMware Server 2

Expanded operating system support: VMware Server now supports Windows Server 2008, Windows Vista® Business Edition and Ultimate Edition (guest only), Red Hat® Enterprise Linux 5 and Ubuntu 8.04; including para-virtualized mode support on certain Linux distributions.

64-bit operating system support: Use 64-bit guest operating systems on 64-bit server hardware to enable more scalable and higher performing computing solutions. In addition, VMware Server 2 will run natively on 64-bit Linux host operating systems.

Web-based management interface: A new Web-based user interface provides a simple, flexible, intuitive and productive way for you to manage your virtual machines. With the new VMware Remote Console, access your virtual machine consoles independent of the Web-based management interface.

Greater scalability and flexibility: Use up to 8GB of RAM per virtual machine, up to 10 virtual network interface cards per virtual machine, transfer data at faster data rates from USB 2.0 devices plus add new SCSI hard disks and controllers to a running virtual machine.

Volume Shadow Copy Service (VSS) Support: Properly back up the state of Windows virtual machines when using the snapshot feature to maintain data integrity of the applications running inside the virtual machine.

Get VMware Server Today

VMware Server is available for immediate download at <http://www.vmware.com/products/server>

Ready for More?

Explore VMware Infrastructure, the industry-leading production-ready virtualization software suite used by customers of all sizes to optimize and manage industry standard IT environments from the desktop to the data center. Delivering built-in management, resource optimization, application availability and operational automation capabilities, VMware Infrastructure dramatically reduces costs and increases efficiency, flexibility and IT service levels. Users of VMware Server can protect their investment if they choose to migrate to VMware Infrastructure as VMware virtual machines are fully compatible across the product line.

Product Specifications and System Requirements

For detailed product specifications and system requirements, go to http://www.vmware.com/support/pubs/server_pubs.html.