

VMware Workstation

Powerful Virtual Machine Software for the Technical Professional

AT A GLANCE

VMware® Workstation is powerful desktop virtualization software for software developers/testers and IT professionals that runs multiple operating systems simultaneously on a single PC. Users can run Windows, Linux, NetWare or Solaris x86 in fully networked, portable virtual machines – no rebooting or hard drive partitioning required. VMware Workstation delivers excellent performance and advanced features such as memory optimization and the ability to manage multi-tier configurations and multiple snapshots.

With millions of customers and dozens of major product awards over the last six years, VMware Workstation is a proven technology that improves productivity and flexibility. VMware Workstation has become an indispensable tool for software developers and IT professionals worldwide.

BENEFITS

- Streamline software development and testing
- Enhance productivity of IT professionals
- Facilitate computer-based training and software demos
- Run multiple secure PC environments on a single PC.

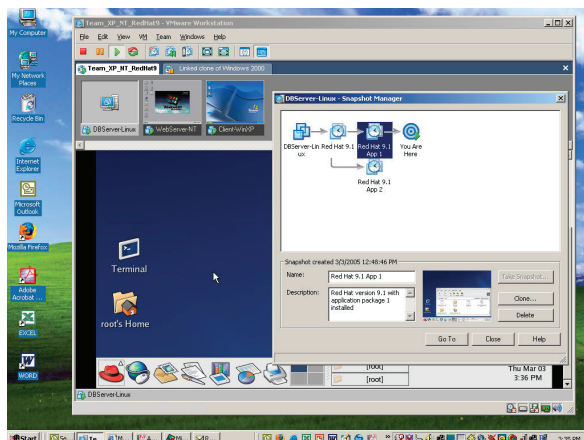
How Is VMware Workstation Used?

The powerful and flexible virtualization properties and features of VMware Workstation enable a wide range of solutions for a diverse set of users. Individuals and organizations use VMware Workstation to:

- **Streamline software development and testing operations.** Create multiple development and testing environments as virtual machines on a single PC and use them to test “real world” multi-tier configurations, complex networks, and multiple operating systems and applications all on a single machine.
- **Improve team collaboration.** The portability and hardware-independent property of virtual machines, coupled with new features in VMware Workstation, lets users easily share development environments and pre-packaged testing configurations without risk, and also facilitates collaboration between development and QA.
- **Enhance the productivity of IT professionals.** Allows system administrators and other enterprise IT professionals to test software, including new applications, application updates, and operating system patches, in virtual machines prior to deployment on physical PCs or servers in a production environment. IT help desk departments can create and reference a virtual library of end-user configurations to help them resolve problems more quickly.
- **Introduce Virtual Infrastructure to your enterprise.** Virtual machines created in Workstation can be deployed to the other desktop and server virtualization platforms offered by VMware. Introducing VMware Workstation virtualization to the desktop is an ideal first step to transforming your physical IT infrastructure into virtual infrastructure.

How Does VMware Workstation Work?

VMware Workstation works by creating fully isolated, secure virtual machines that encapsulate an operating system and its applications. The VMware virtualization layer maps the physical hardware resources to the virtual machine’s resources, so each virtual machine has its own CPU, memory, disks, and I/O devices, and is the full equivalent of a standard x86 machine. VMware Workstation installs onto the host operating system and provides broad hardware support by inheriting device support from the host.



VMware Workstation runs multiple operating systems – Windows, Linux, NetWare – and their applications simultaneously on a single physical PC in fully networked, portable virtual machines.

KEY FEATURES

- The only desktop virtual machine software that runs on both Windows and Linux host operating systems, allows users to create two-processor virtual machines, and supports certain 64-bit host and guest operating systems and 64-bit extended processors
- Broader device support, better performance and more powerful functionality than any other desktop virtual machine software
- Powerful virtual networking options with NAT devices, DHCP server, and multiple network switches, let you connect virtual machines to each other, the host machine, and public networks
- Shared folders, drag-and-drop operations, and copying and pasting between guest and host
- Get the full functionality of native program debugging in a virtual machine with support for both user and kernel-level debuggers
- Easily switch between virtual machines and suspend/resume them
- Each virtual machine has configurable memory size, disks, and I/O devices, and also support for CD, floppy, USB, DVD, and CD-ROM devices
- Virtual machines are isolated from each other, ensuring that if one crashes, the other virtual machines and the host machine are unaffected
- A virtual machine is a set of portable, hardware-independent files that can easily be shared.
- Experimental support for 2-Way Virtual SMP™
- Improved performance, especially for multi-virtual machine and networking workloads
- Movie record and playback feature to capture all activity in a running virtual machine
- Command line interface to automate certain repetitive tasks, including snapshots
- Improved Linux user interface and wireless networking capabilities
- Support for a class of streaming USB devices, including webcams and speakers
- Support for NX bit and experimental support for Sun Solaris x86
- Includes VMware Player*

Product Specifications and System Requirements

For detailed product specifications and system requirements refer to the Workstation User's Manual at http://www.vmware.com/support/pubs/ws_pubs.html.

New in VMware Workstation 5.5

- Multiple snapshot feature to easily capture and manage point-in-time copies of running virtual machines and "undo" changes
- Teams feature to more easily manage connected virtual machines and simulate "real-world" multi-tier configurations
- Full and linked clone capabilities to easily copy and share virtual machines
- Support for new 32-bit guest and host operating systems
- Support for new 64-bit host operating systems
- Full support for select 64-bit guest operating systems on select AMD64 processors, and experimental support on Intel EM64T VT-enabled processors