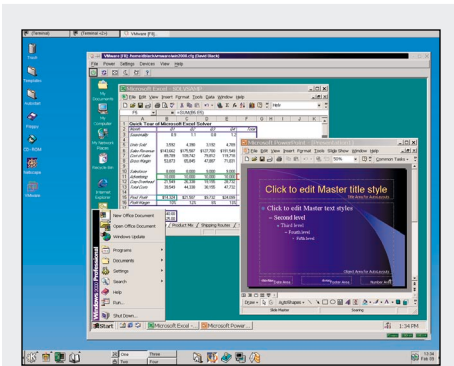


VMware 2.0 for Linux

Delivering Flexible Computing



Windows applications running on Linux

Features

- NEW** • Significant performance improvements over VMware 1.0
- NEW** • Instantly restore suspended virtual machine sessions
- NEW** • SCSI disk support
 - VMware virtual machines are equivalent to a full PC in a window
 - Full networking, dial-up access and file-sharing support
 - Display in a window or in full-screen mode
 - Run Windows 95, Windows 98, Windows NT, Windows 2000, FreeBSD, or Linux under VMware
 - Operating systems run simultaneously without dual booting
 - Add new operating systems without repartitioning disks
 - VMware installs just like any other application

What is Flexible Computing?

- Flexible computing means you can run Windows applications on Linux.
- It enables development and testing across a wide range of operating systems and PC configurations.
- It allows support organizations to save money by reproducing multiple end-user environments on a single PC.

VMware delivers flexible computing to your desktop. Best of all, VMware is easy to install and use.

How It Works

VMware is an application that gives you a fully functional PC in a window. Each fully functional PC is really a virtual machine, running directly on your host computer. Full networking support means each virtual machine can have its own network address just like a real machine.

Multiple virtual machines can run side-by-side. For example, users can simultaneously run Windows 98, Windows 2000, and Linux.

Sharing files is easy — it works just as it does on any PC. VMware also lets you cut and paste from one virtual machine to another and between virtual machines and the host computer.

Instant Restore brings back the state of a running virtual machine in seconds. You can pop in and out of applications in a virtual machine as you need them — without going through a full boot cycle

VMware's virtual disks allow new operating systems to be added without repartitioning. Virtual disks can be shared — saving administration costs and storage overhead.

Each virtual machine is independent from the host computer — operations done in the virtual machine will not affect the host. A "blue screen of death" in a virtual machine won't affect the host computer at all.

VMware delivers all of these features in an easy to install and manage package. It's powerful stuff.

Who Uses VMware?

- Over 300,000 users worldwide.
- Users at IBM, HP, Rational, and Lucent access Windows applications from Linux.
- Network Associates, LinuxCare, and Excel.Net use VMware to improve technical support and help desk operations.
- Over 600 universities and research institutions use VMware.

Get VMware Today

This powerful software can be yours for just US \$299 per copy. You'll find it at the VMware Web site — www.vmware.com.

That's also the place to find the latest product updates. Visit us at www.vmware.com.

www.vmware.com

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VMware 2.0 for Linux

SYSTEM REQUIREMENTS

PC Hardware

- Standard x86-based PC
- 266MHz or faster processor that supports the Pentium® instruction set
- Compatible processors include Intel®: Pentium Pro, Celeron™, Pentium II, Pentium III
- AMD™: K6®-2, K6-III, Athlon™
- Multiprocessor systems supported

Memory

- Enough memory to run the Linux® host operating system plus memory required for each guest operating system and applications on the guest and host

- Minimum: 96MB; recommended: 128MB

Disk Drives

- 10MB free space required for basic install
- At least 500MB free disk space recommended for guest operating systems and applications
- IDE or SCSI hard drives and CD-ROM drives supported
- Guest operating systems can boot from raw disk partitions or virtual disk files

Local Area Networking (Optional)

- Any Ethernet controller supported by the Linux host operating system
- Non-Ethernet networks supported via host-

only networking and host operating system routing

Linux Host Operating System

Standard Linux distributions with glibc version 2 or higher and one of the following:

- For single-processor systems: kernel 2.0.32 or higher kernel in the 2.0.x series, or kernel in the 2.2.x series
- For SMP systems: kernel in the 2.2.x series

Tested Distributions

- Red Hat™ Linux 5.x, 6.0, 6.1, and 6.2
- Caldera® OpenLinux™ 2.2, 2.3, and 2.4
- SuSE™ Linux 6.0, 6.1, 6.2, 6.3, and 6.4
- TurboLinux 6.0

VIRTUAL MACHINE SPECIFICATIONS

Each virtual machine provides a platform that includes the following devices:

Processor

- Intel Pentium or later, depending on host processor
- Intel MMX® if available on host processor
- Single processor per virtual machine on symmetric multiprocessor systems

Memory

- Up to 512MB, depending on host memory

IDE Drives

- Up to 4 devices — disks or CD-ROM
- Actual disk devices or Linux file system-based virtual disks
- SCSI CD-ROM device may be configured as virtual IDE

SCSI Drives

- Up to 7 devices
- BusLogic BT-958™ compatible host bus adapter

Graphics

- VGA and SVGA support
- Display depth and size determined by host display

Floppy Drives

- Up to two 1.44MB floppy devices — drives available on the host or floppy images

Serial (COM) Ports

- Up to four serial (COM) ports
- Output to serial ports or Linux files

Printer (LPT) Ports

- Up to two bidirectional printer (LPT) ports
- Output to printer ports or Linux files

Keyboard

- 104-key Windows 95/98 enhanced

Mouse & Drawing Tablets

- PS/2 mouse
- Serial tablets supported

Ethernet Card

- Up to three virtual Ethernet cards
- AMD PCnet™-PCI II™ compatible

Sound

- Sound Blaster 16, PCM sound compatible†

BIOS

- PhoenixBIOS 4.0 Release 6-based BIOS
- Enhanced Disk Drive (EDD) support, up to 33GB disks

SUPPORTED GUEST OPERATING SYSTEMS

The optional VMware Tools package provides improved performance, SVGA graphics support, cut and paste between environments and other features. VMware Tools are available for FreeBSD, Linux and Microsoft Windows guest operating systems. See www.vmware.com.

FreeBSD

- FreeBSD 2.2.8 and 3.x

Linux

- Red Hat 5.x and 6.x
- Caldera OpenLinux 1.3 and 2.x
- SuSE Linux 5.3 and 6.x
- TurboLinux 6.0
- Corel Linux OS (Debian 2.2)

Microsoft® MS-DOS

- MS-DOS 6

Microsoft Windows®

- Windows 3.1
- Windows for Workgroups
- Windows 95 (all OSR releases)
- Windows 98 and Windows 98 SE

Microsoft Windows NT®

- Windows NT 4.0 Service Pack 3, 4, 5, and 6a Workstation and Server

Microsoft Windows 2000

- Professional, Server, and Advanced Server

ADDITIONAL FEATURES

Virtual Networking and File Sharing

VMware supports networking and file sharing between virtual machines and/or existing networks. Supported protocols and products include:

- TCP/IP
- Microsoft Networking
- Samba
- Novell Netware
- Network File System (NFS)

Disk Management

VMware provides powerful control over raw disks and virtual disks on the host file systems. Three disk modes are supported:

- Persistent disks – behave as conventional disks with changes made permanently
- Nonpersistent disks – changes are discarded at the end of each session
- Undoable disks – allow the user to later keep or undo changes

Suspend and Instant Restore

VMware lets you quickly switch between guest operating system sessions.

- Suspend – Save the complete state of a guest operating system session to disk or memory
- Instant Restore – Immediately resume a previously suspended session

For More Information Contact

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www.vmware.com

†MIDI sound, game controllers, and joysticks are currently not supported. VMware, Inc. assumes no responsibility with regard to the selection, performance, or use of this software product. Product specification are subject to change without notice.