

VMware

vCenter Server (\$) (license manager)	Server	ESX (\$) (vMotion, DRS, HA, Storage vMotion)		
	hardware	ESXi (freeware) (ESXi freeware is managed by the Virtual Infrastructure (or vSphere) Client)		Guest OS
		ESXi (\$) (vMotion, DRS, HA, Storage vMotion)		Guest OS...
Workstation hardware	Windows or Linux OS	User session	VMware Server (freeware)	Guest OS
			VMware Workstation (\$)	Guest OS
			VMware Player (freeware)	Guest OS...
			vSphere Client for managing ESX(i) hosts (freeware)	

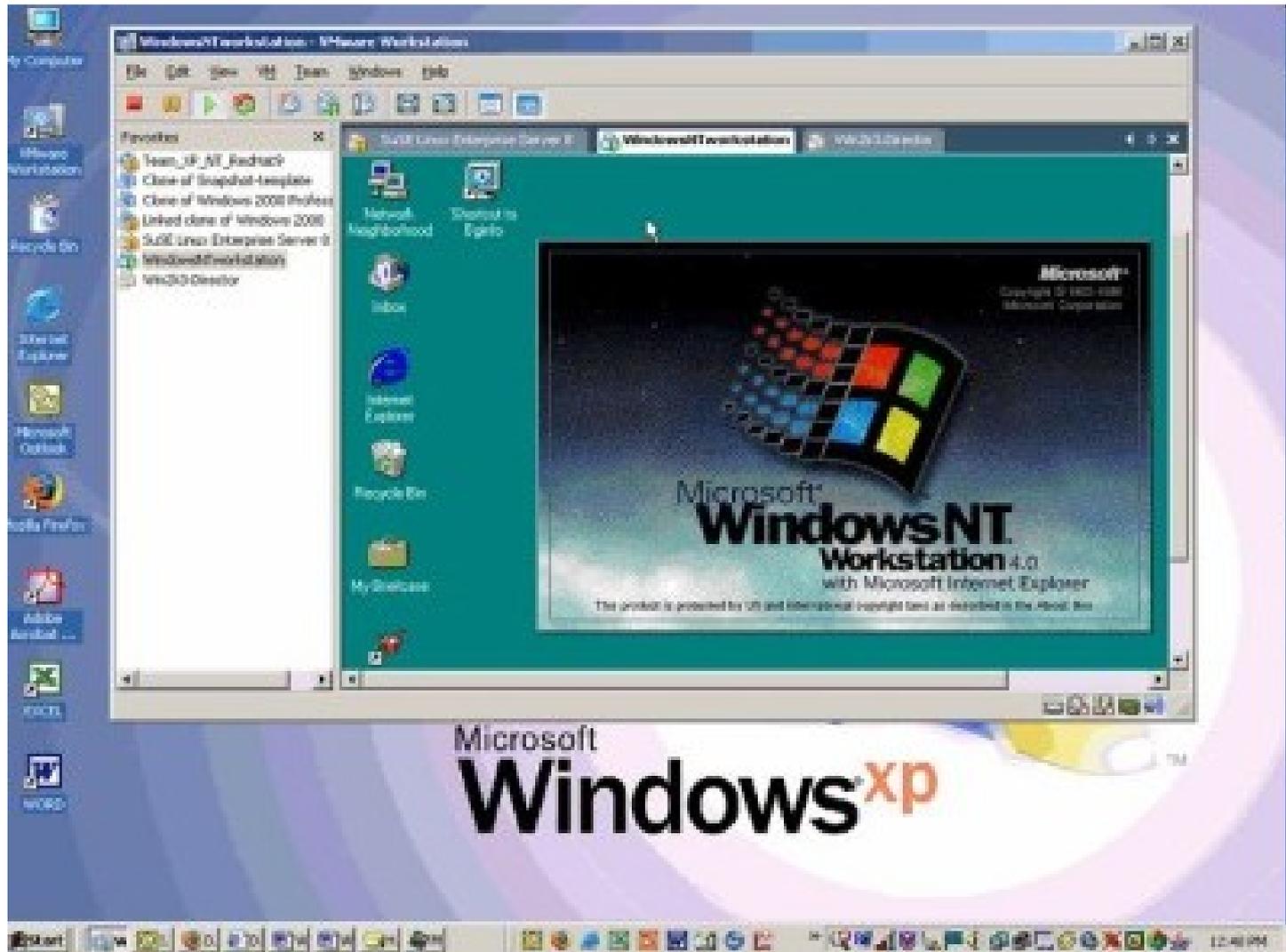
VMware-Desktop software & End-User Computing

- **VMware ThinApp** (formerly known as Thinstall), an application virtualization solution designed to accelerate application deployment and simplify application migration.
- **VMware ACE** (Assured Computing Environment)
- **VMware Express** (for accessing Windows applications from a Linux desktop)
- **VMware Fusion** (for Mac Desktops), a solution for Apple users to seamlessly run Windows and Windows applications on an Intel processor-powered Apple OS X Macintosh computer.
- **VMware Player**, is a free software used to run multiple operating systems at the same time on your PC.
- **VMware View** (formerly VMware VDM), an enterprise desktop virtualization platform designed to optimize application and desktop management and enable flexibility for end-users.
- **VMware Workstation**, a solution that enables multiple operating systems to run at the same time on a single endpoint device.
- **VMware Zimbra**, an enterprise-class, calendar and collaboration platform based on the popular Zimbra open source project.
- **SlideRocket**, is an online presentation platform that lets users create, manage, share and measure presentations.

7.1. VMware

- *VMware Player* - Reč je o besplatnoj verziji VMware virtuelne mašine koja je dostupna za ličnu upotrebu.
- *VMware Server* - To je program koji se izvodi iznad operativnog sistema i omogućuje stvaranje više virtuelnih sistema, a dostupan je besplatno kao i *VMware Player*.

VMware



VMware-Desktop software

- **VMware Workstation** (first product launched by VMware in 1999). This software suite allows users to run multiple instances of x86 or x86-64-compatible operating systems on a single physical PC
- **VMware Fusion** provides similar functionality for users of the Intel Mac platform, along with full compatibility with virtual machines created by other VMware products
- **VMware Player** is for users without a license to use VMware Workstation or VMware Fusion. VMware offers this software as a freeware product for personal use. While initially not able to create virtual machines, this limitation was removed in version 3.0.1

VMware Player

VMware Player



VMware Player running [Ubuntu](#) v8.04.1

<u>Developer(s)</u>	VMware
<u>Stable release</u>	4.0.4 ^[1] / June 13, 2012; 9 days ago ^[1]
<u>Operating system</u>	Microsoft Windows Linux
<u>Type</u>	Virtual machine
<u>License</u>	Freeware for personal non-commercial use; distribution requires permission ^[2]
<u>Website</u>	www.vmware.com/products/player/

VMware Player

- VMware Player is a **freeware virtualization software package** from VMware, Inc
- VMware Player can run existing virtual appliances and create its own virtual machines (which require a operating system to be installed to be functional).
- It uses the **same virtualization core as VMware Workstation**, a similar program with more features, and not free of charge.
- VMware Player is available **for personal non-commercial use**, or for distribution or other use by written agreement.
- No support is provided by VMWare, but there is an active community website for discussing and resolving issues.

VMware



Color	Meaning
Red	Release no longer supported
Green	Release still supported
Blue	Future release

Major Version	Release Date	Significant Changes
1.0	06 June 2008	first released
2.0	28 August 2008	?
2.5	06 October 2008	?
3.0	27 October 2009	?
3.1	25 May 2010	?
4.0	04 October 2011	?

VMware Player - Features

- VMware claims the Player **offers**
 - ◆ better graphics,
 - ◆ faster performance, and
 - ◆ tighter integration
 - ◆ for running Windows XP under Windows Vista or Windows 7
- than **Microsoft's Windows XP Mode running on Windows Virtual PC**, which is free of charge for all purposes.

VMware Player - Features

- Versions earlier than 3 of VMware Player were unable to create virtual machines (VMs), which had to be created by an application with the capability, or created manually by statements stored in a text file with extension ".vmx"; later versions can create VMs
- The features of Workstation not available in Player are "developer-centric features such as:
 - ◆ Teams,
 - ◆ multiple Snapshots and Clones, and
 - ◆ Virtual Rights Management features for end-point security",
 - ◆ and support by VMWare
- Player allows a complete virtual machine to be copied at any time by copying a directory; while not a fully featured snapshot facility, this allows a copy of a machine in a particular state to be stored, and reverted to later if desired, e.g. after a demonstration or a virus infection test

VMware Player - Features

- VMware Player is also supplied with the VMware Workstation distribution, for use in installations where not all client users are licensed to use the full VMware Workstation.
- An IT administrator can distribute a virtual machine created by Workstation to computers running Player without paying for additional VMware Workstation licenses.

VMware Player - Resources

- **Many ready-made virtual machines (VMs)** which run on VMware Player, Workstation, and other virtualization software are available for specific purposes, either for purchase or free of charge; for example a free Linux-based “browser appliance” with the Firefox browser installed which can be used for safe Web browsing; **if infected or damaged it can be discarded and replaced by a clean copy.**
- It can be configured to reset itself after each use without the need to recreate from the original file.
- **VMs distributed legally only have freely distributable operating system**, as operating systems on VMs must be licensed; ready-to-use VMs with Microsoft Windows or Mac OS X, in particular, are not distributed, except for evaluation versions

VMware Player - Resources

- **VMware Player makes use of VMware Tools**, which adds significant functionality; in principle each version of Player has its own Tools, not necessarily compatible with other versions.
- Tools can usually be downloaded **from the VMware website** and added after installing Player by clicking a button.
- Sometimes Tools are updated belatedly; for example, Player 4.0.2 was released on 24 January 2012, but the corresponding version of Tools was not available for some time after that, restricting functionality of updated Player installations.

VMware Player - Resources

- Virtual machines created by any VMWare software can be used by any other.
- It is often possible to use VMs created by one manufacturer's virtual machine software with software for another manufacturer, either directly or via a conversion procedure.
- VMs for Microsoft Virtual Server and Virtual PC can be converted for use by VMWare software by running the VMware vCenter Converter (this software can also create a virtual machine from a physical configured PC).
- For example, a Microsoft VM can be adapted to run in VMware Player.