Installing/Configuring VMware Player

Instructor: Dr. Mark Llewellyn
markl@cs.ucf.edu
HEC 236, 4078-823-2790
http://www.cs.ucf.edu/courses/cnt4603/fall2013

Department of Electrical Engineering and Computer Science
Computer Science Division
University of Central Florida
Installing and Configuring VMware Player

• As we discussed earlier in the course, virtualization software allows you to turn your PC into a virtual system on which you can run other operating systems – without having to alter the current OS already running on your system.

• This set of notes will step you through the process of installing VMware Player on your machine and then installing the Windows Server 2012 as an OS within the virtual environment.

• You can get VMware Player at: http://www.vmware.com/products/player/ (see next page). Current version is 6.0.0.
My VMware™

New enhancements available!

- **Subscription Services** - View cloud service offerings, manage users, access billing statements, and submit add-on requests for additional capacity. [Learn More]

- **Download** - Easier to identify products and components, switch across versions, direct access to Custom ISOs, manual download default, context-specific links, and resources. [Learn More]

- **Licensed Products** - Improved browsing, searching, visibility, and quicker access to your software products. [Learn More]
VMware Horizon View Clients
VMware Horizon Mirage
VMware Horizon Workspace
VMware Horizon Mobile
VMware vCenter Operations Manager for Horizon View
VMware View
VMware ThinApp
VMware Workstation
VMware Fusion
VMware Player

Other
VMware VMmark
Serengeti

Download Product | Drivers & Tools
Download Product | Drivers & Tools
Download Product | Drivers & Tools
Download Product | Drivers & Tools
Download Product | Drivers & Tools
Download Product | Drivers & Tools
Download Product | Drivers & Tools
Download Product | Drivers & Tools
Download Product | Drivers & Tools
Download Product | Drivers & Tools
Download Product | Drivers & Tools
Download Product | Drivers & Tools

https://my.vmware.com/web/vmware/free#desktop_end_user_computing/vmware_player/6.0

Click Here
Installing and Configuring VMware Player
Installing and Configuring VMware Player

When its finished, click **Launch**.
Installing and Configuring VMware Player

VMware Player Setup

Destination Folder
Click Next to install to this folder or click Change to install to a different folder.

Install VMware Player to:
C:\Program Files (x86)\VMware\VMware Player\
Installing and Configuring VMware Player

VMware Player Setup

Shortcuts
Select the shortcuts you wish to place on your system.

Create shortcuts for VMware Player in the following places:

- Desktop
- Start Menu Programs folder

< Back  Next >  Cancel
Installing and Configuring VMware Player

VMware Player Setup

Ready to Perform the Requested Operations

Click Continue to begin the process.

If you want to review or change any of your installation settings, click Back. Click Cancel to exit the wizard.
Installing and Configuring VMware Player

VMware Player Setup

Performing the Requested Operations

Please wait while the wizard performs the requested operation. This may take several minutes.

Status: Installing packages on the system

< Back   Next >   Cancel
Installing and Configuring VMware Player

The setup wizard has successfully completed its operations related to VMware Player. Click Finish to exit the wizard.
Installing and Configuring VMware Player

Initial VMware Player screen

Welcome to VMware Player

- Create a New Virtual Machine
  Create a new virtual machine, which will then be added to the top of your library.

- Open a Virtual Machine
  Open an existing virtual machine, which will then be added to the top of your library.

- Upgrade to VMware Workstation
  Get advanced features such as snapshots, developer tool integration, and more.

- Help
  View VMware Player's help contents.

This product is not licensed and is authorized for non-commercial use only. For commercial use, purchase a license. [Buy now.]
Installing and Configuring VMware Player

Initial VMware Player screen with some VMs installed.
Creating A Virtual Server Under VMware Player

• The following pages step you through installing the Windows Server 2008 Standard Edition from a CD/DVD .iso image. Installation from another image will proceed in much the same manner.

• To get the .iso image, go to DreamSpark and search for Microsoft Windows Server 2008 R2. You want the .iso image.
Click To Create A New Virtual Machine
Installing and Configuring VMware Player

![New Virtual Machine Wizard](image)

Welcome to the New Virtual Machine Wizard
A virtual machine is like a physical computer; it needs an operating system. How will you install the guest operating system?

Install from:
- [ ] Installer disc:
  - [ ] DVD RW Drive (E:)
- [ ] Installer disc image file (iso):
  - [ ] C:\COURSES\CNT 4603 - System Administration\CNT
    - [ ] Browse...

Windows Server 2008 detected.
This operating system will use Easy Install. ([What's this?](#))
- [ ] I will install the operating system later.
  - The virtual machine will be created with a blank hard disk.

[Help]  [< Back]  [Next >]  [Cancel]
Installing and Configuring VMware Player

New Virtual Machine Wizard

Name the Virtual Machine
What name would you like to use for this virtual machine?

Virtual machine name:
Windows Server 2008 - Server T1

Location:
C:\Users\Mark Llewellyn\Documents\Virtual Machines\Windows

< Back Next > Cancel
Installing and Configuring VMware Player

New Virtual Machine Wizard

Specify Disk Capacity
How large do you want this disk to be?

The virtual machine's hard disk is stored as one or more files on the host computer's physical disk. These file(s) start small and become larger as you add applications, files, and data to your virtual machine.

Maximum disk size (GB): 40.0

Recommended size for Windows Server 2008: 40 GB

- Store virtual disk as a single file
- Split virtual disk into multiple files

Splitting the disk makes it easier to move the virtual machine to another computer but may reduce performance with very large disks.
Installing and Configuring VMware Player

New Virtual Machine Wizard

Ready to Create Virtual Machine
Click Finish to create the virtual machine and start installing Windows Server 2008 and then VMware Tools.

The virtual machine will be created with the following settings:

- **Name:** Windows Server 2008 - Server T1
- **Location:** C:\Users\Mark Llewellyn\Documents\Virtual Machines...
- **Version:** Workstation 10.0
- **Operating System:** Windows Server 2008
- **Hard Disk:** 40 GB
- **Memory:** 1024 MB
- **Network Adapter:** NAT
- **Other Devices:** CD/DVD, USB Controller, Printer, Sound Card

- [ ] Power on this virtual machine after creation

[Customize Hardware...]

[< Back  Finish  Cancel]
Installing and Configuring VMware Player

The following software is available for download:
VMware Tools for Windows 2000 and later - version 8.4.6

If you do not download VMware Tools, Easy Install will not fully complete.

What would you like to do?
Download and Install  Remind Me Later

Downloading VMware Tools for Windows 2000 and later...
Installing Windows...

That's all the information we need right now. Your computer will restart several times during installation.

- Copying files
  - Expanding files (2%)
  - Installing features
  - Installing updates
  - Completing installation

Click in the virtual screen to send keystrokes
Perform the following tasks to initially configure this server:

1. **Provide Computer Information**
   - **Set time zone**: Time Zone: (GMT-05:00) Eastern Time (US Canada)
   - **Configure networking**: Network Adapters: None detected
   - **Provide computer name and domain**: Full Computer Name: WIN-TCC4WVDRKO5 Workgroup: WORKGROUP

2. **Update This Server**
   - **Enable automatic updating and feedback**: Updates: Not configured
     Feedback: Windows Error Reporting off
     Not participating in Customer Experience Improvement Program
   - **Download and install updates**: Checked for Updates: Never
     Installed Updates: Never

3. **Customize This Server**
   - **Add roles**: Roles: Loading...
   - **Add features**: Features: Loading...

Do not show this window at logon

---

**Windows Server 2008 - Server T1 - VMware Player (Non-commercial use only)**

**Initial Configuration Tasks**

**Specifying computer information**

**Updating your Windows server**

**Customizing your server**
Installing and Configuring VMware Player

Server Manager (MARK-SERVER1)

Get an overview of the status of this server, perform top management tasks, and add or remove server roles and features.

Roles Summary

- Roles: 2 of 16 installed
  - Active Directory Domain Services
  - DNS Server

Features Summary

- Features: 3 of 35 installed
  - Group Policy Management
  - Remote Server Administration Tools
  - Role Administration Tools

Last Refresh: 9/17/2012 2:11:12 PM Configure refresh
Viewing Server Roles in Server 2008

- Before the next class you should do the following on the VM running Windows Server 2008 that you’ve installed in your virtual environment.

- Open the Server Manager (it should be on your taskbar; if not click Start then Server Manager).

- Scroll down and you’ll come to the Roles Summary. Once the data has been collected by the server, you should see that there are 0 of 16 installed roles.

- Click Go to Roles.

- You should now see the screen shown on the next slide. Follow the remaining steps as illustrated.
Viewing Server Roles in Server 2008

Click Add Roles
Viewing Server Roles in Server 2008

Read this page, but don’t do any of the things mentioned on this page. Then click “Next”
Viewing Server Roles in Server 2008

Select each of the 16 possible roles, and read the description that is provided for each of the possible server roles.
Viewing Server Roles in Server 2008

• Go back to the Server Manager window and this time scroll down until you come to the Features Summary (it will right underneath the Roles Summary). Once the data has been collected by the server, you should see that there are 0 of 35 installed roles.

• Click Add Features.

• You should now see the screen shown on the next slide. Follow the remaining steps as illustrated.
You don’t need to look at all of the features, but select a few and read the brief description of what the feature provides.

When you’re done, click “Cancel” and shut down the VM.