CNT 4603: System Administration
Spring 2014

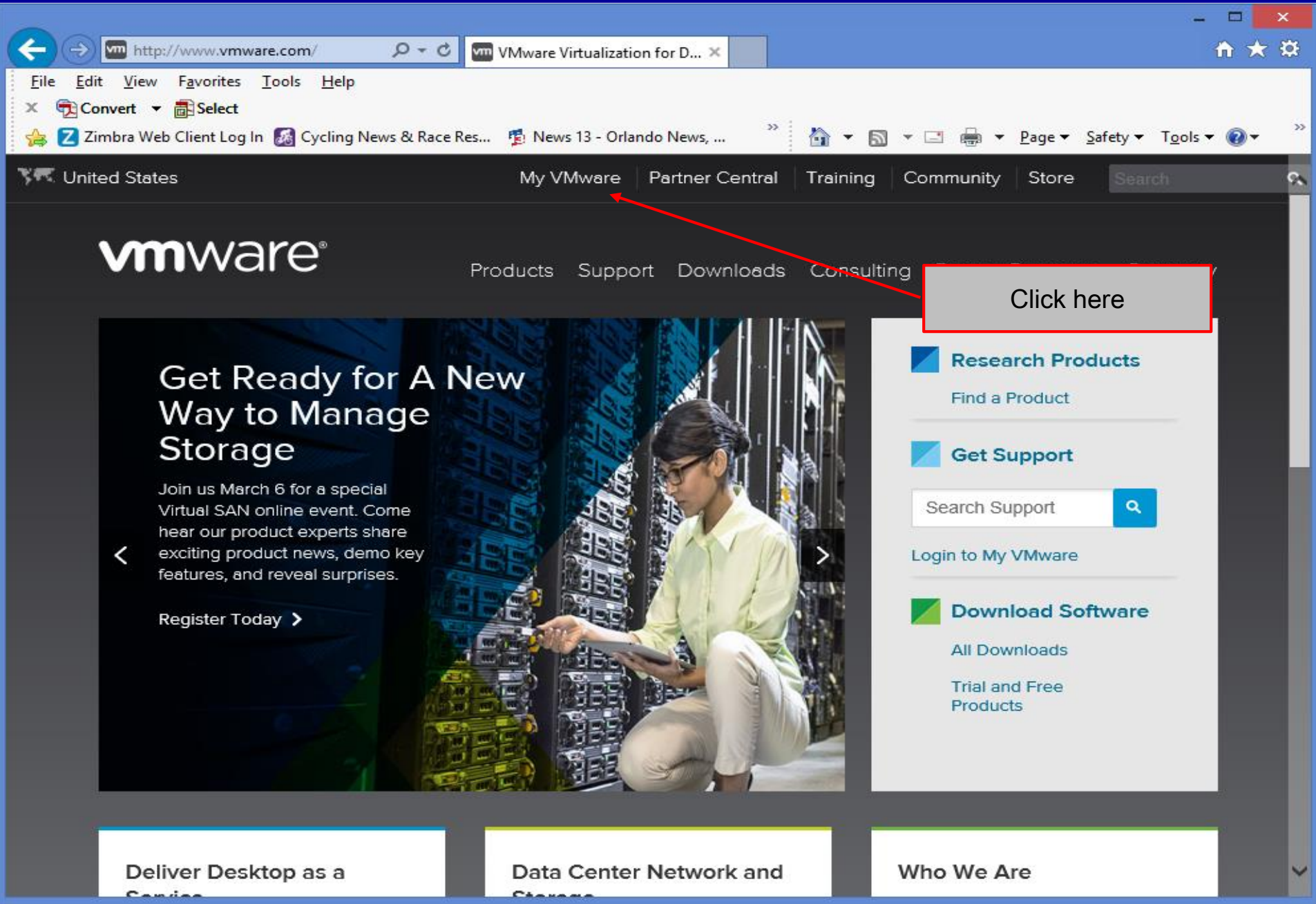
Installing/Configuring VMware Player

Instructor : Dr. Mark Llewellyn
markl@cs.ucf.edu
HEC 236, 4078-823-2790
http://www.cs.ucf.edu/courses/cnt4603/spr2014

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 2008 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 6.0.1.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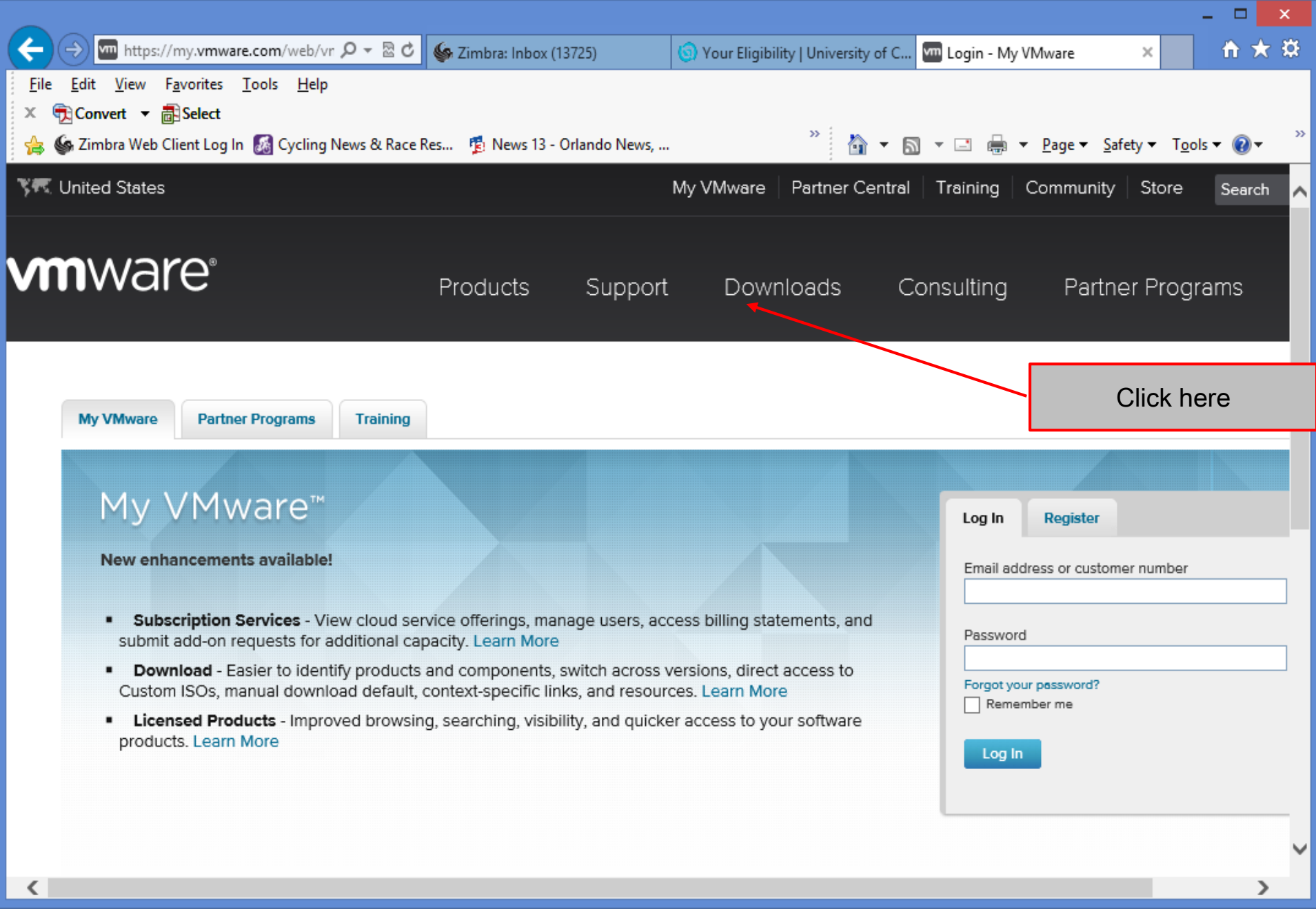
Who We Are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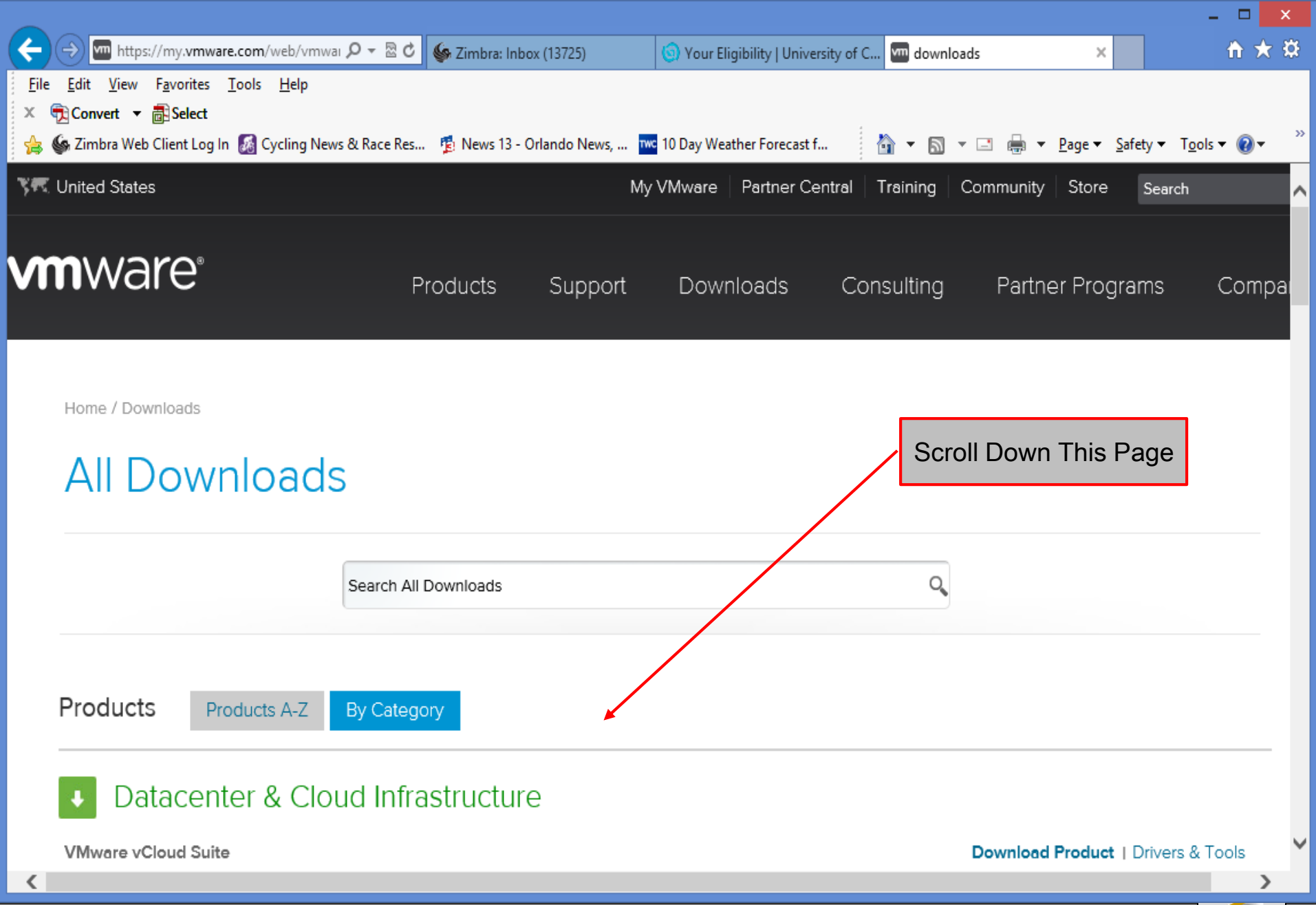
Register
Email address or customer number
Password
Forgot your password?
Remember me
Log In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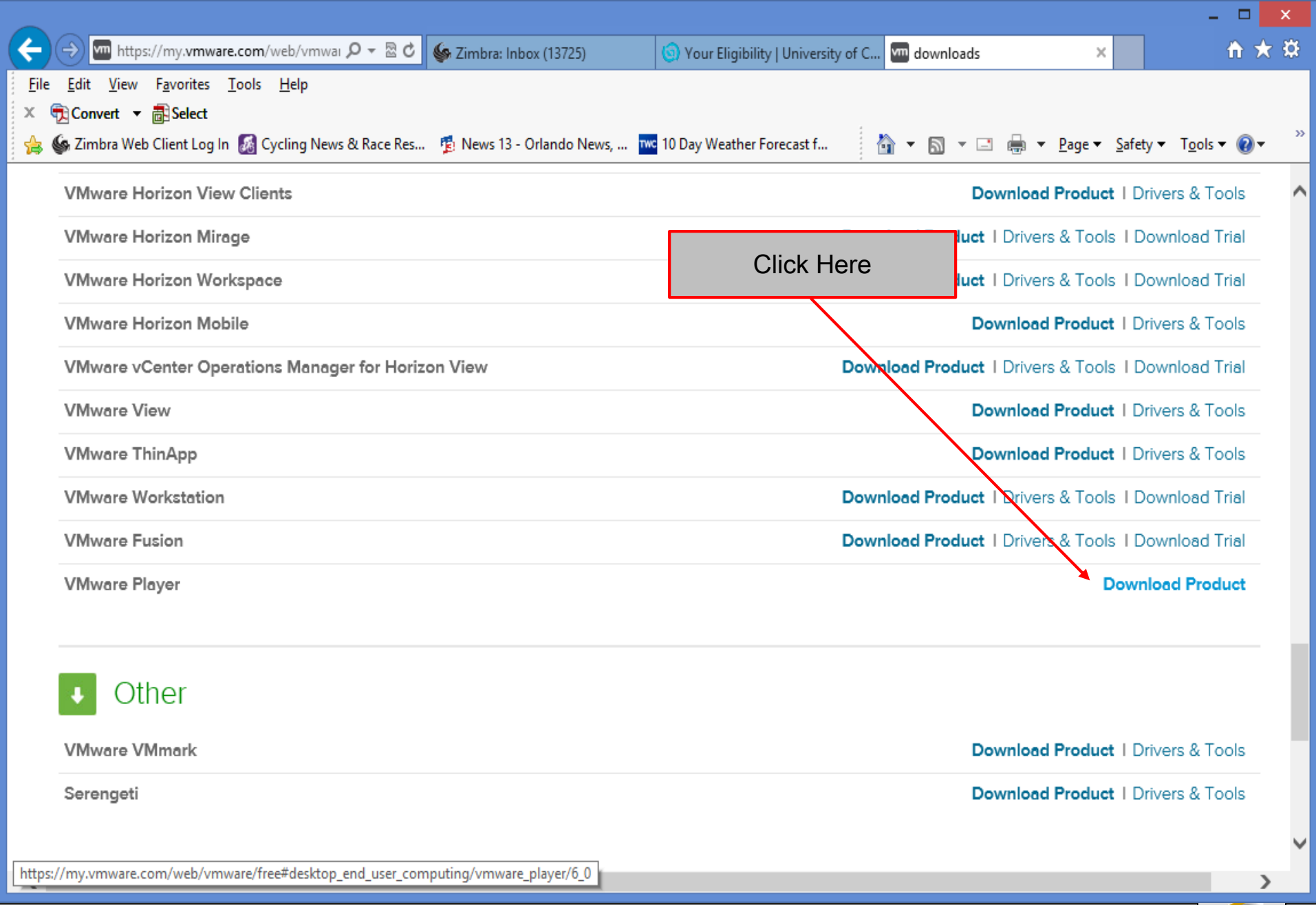
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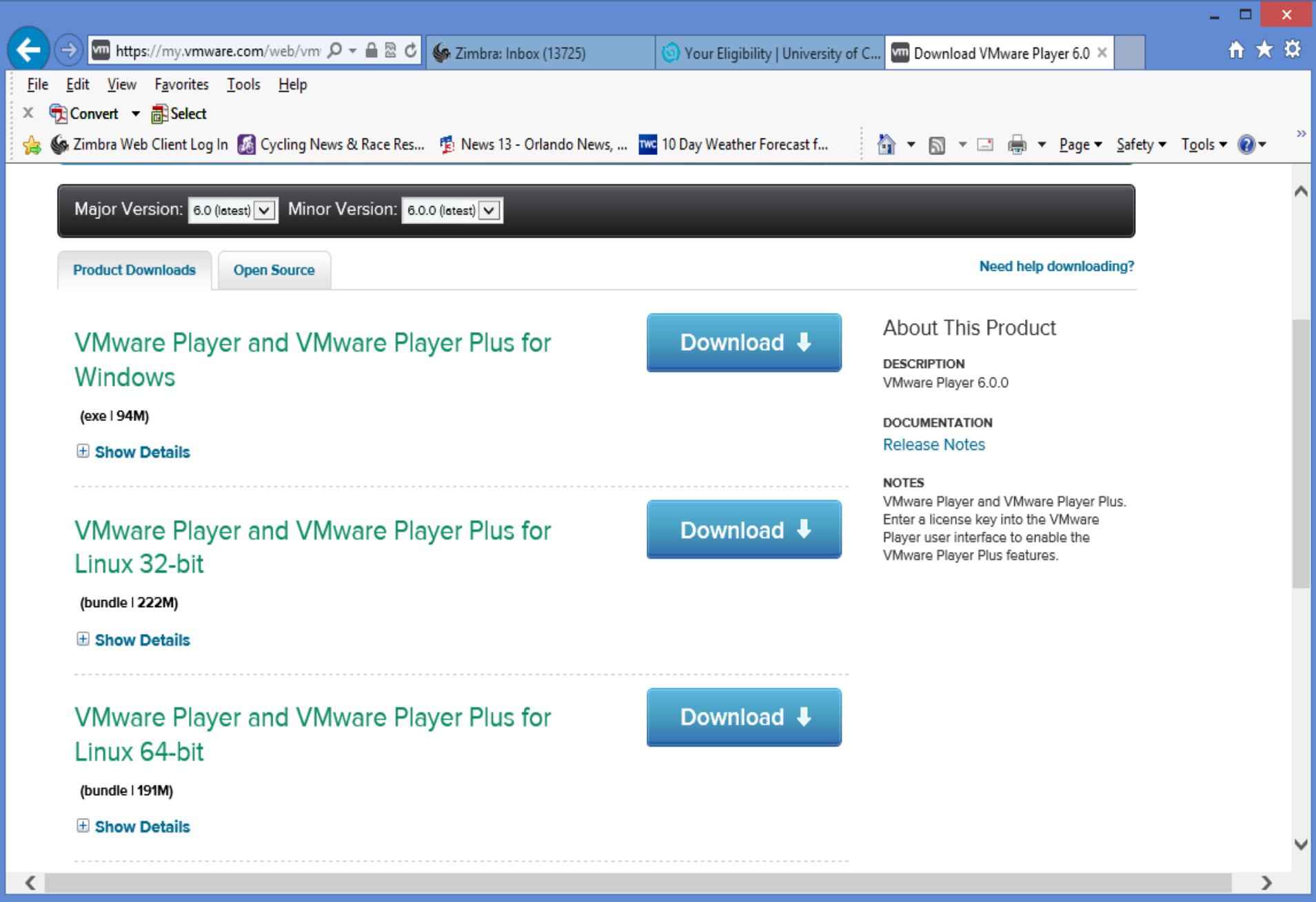
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Major Version: 6.0 (latest) Minor Version: 6.0.0 (latest)
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(exe | 94M)
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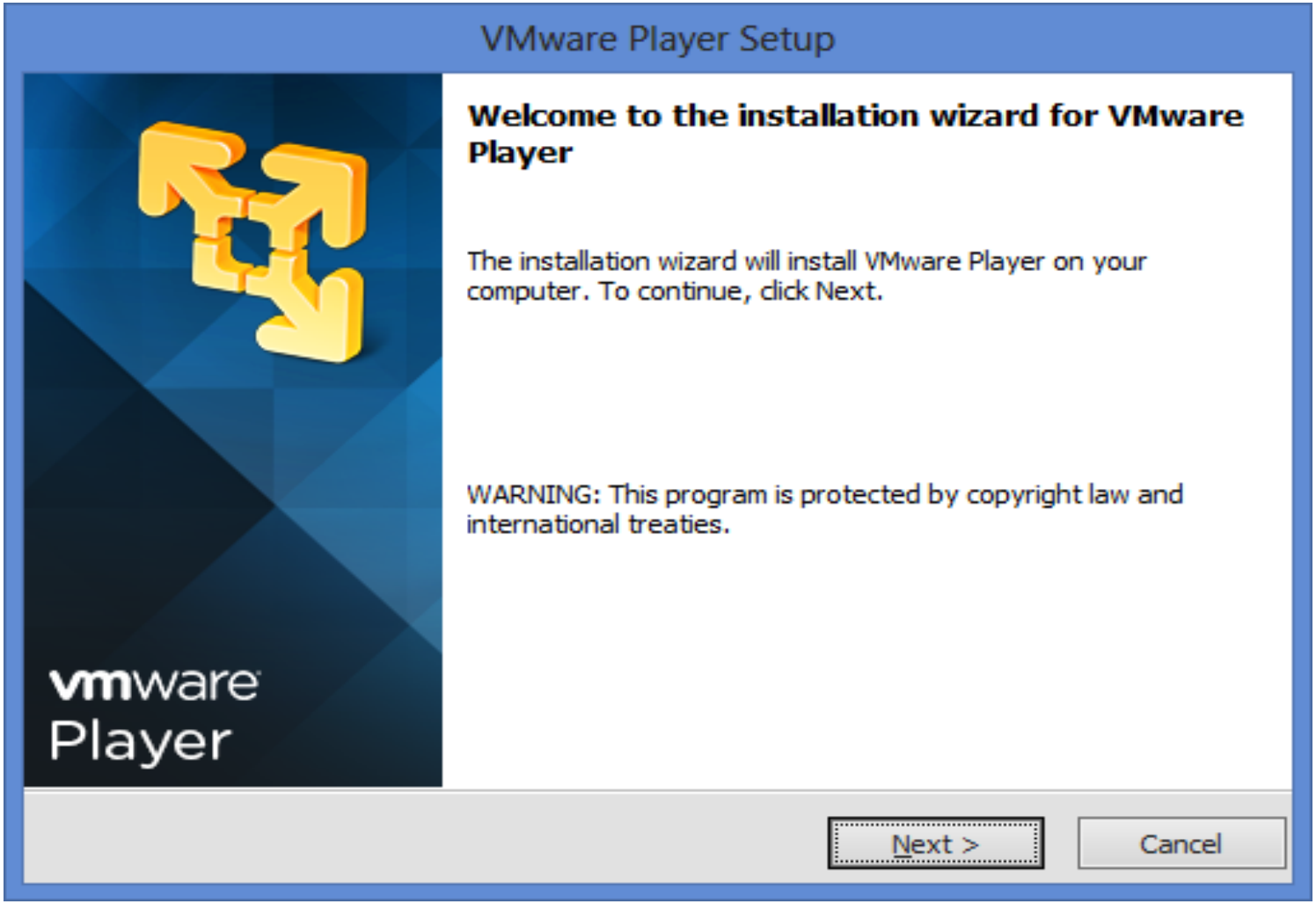
About This Product
DESCRIPTION
VMware Player 6.0.0
DOCUMENTATION
Release Notes
NOTES
VMware Player and VMware Player Plus. Enter a license key into the VMware Player user interface to enable the VMware Player Plus features.

Installing and Configuring VMware Player

Installing and Configuring VMware Player



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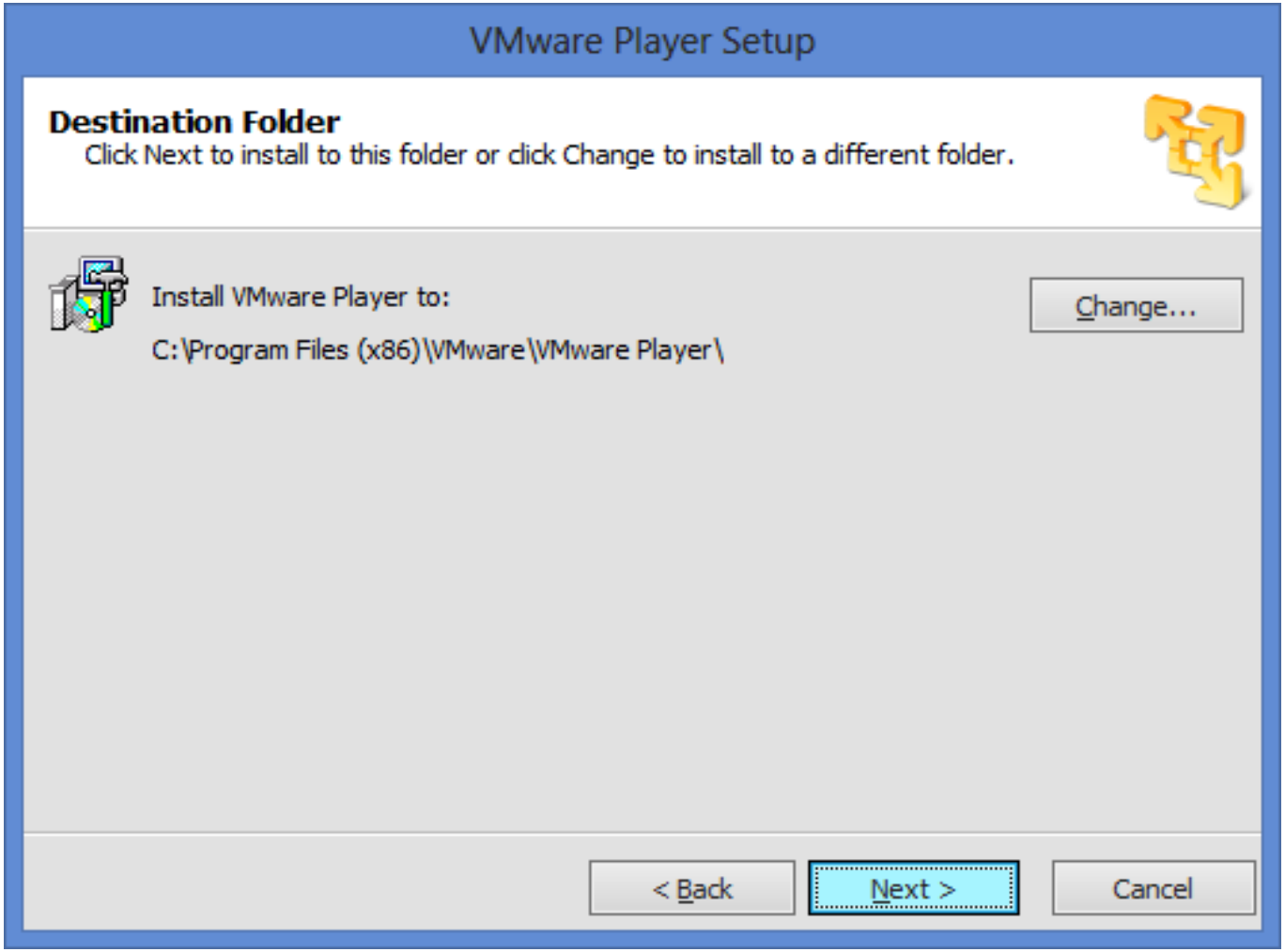

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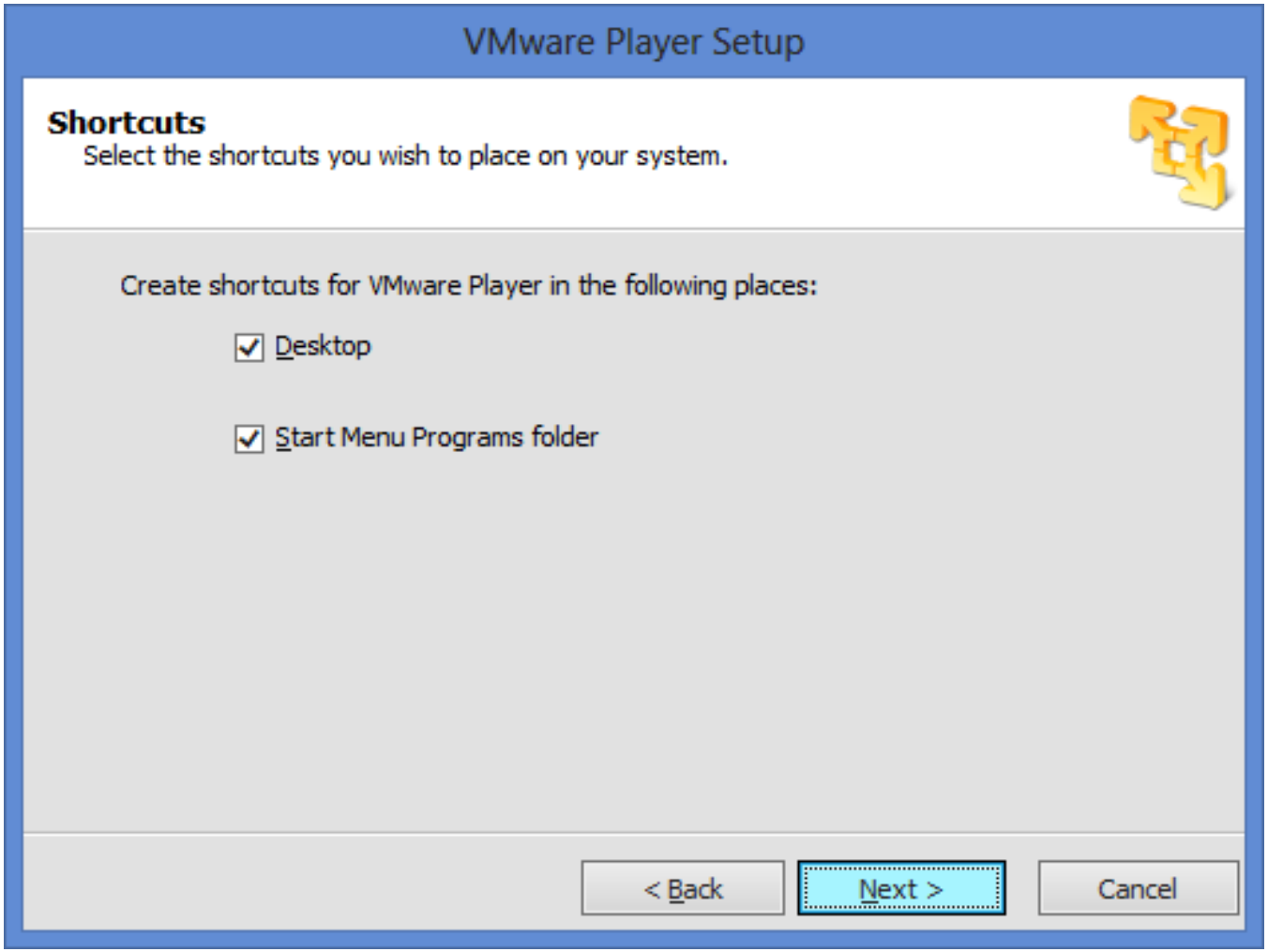

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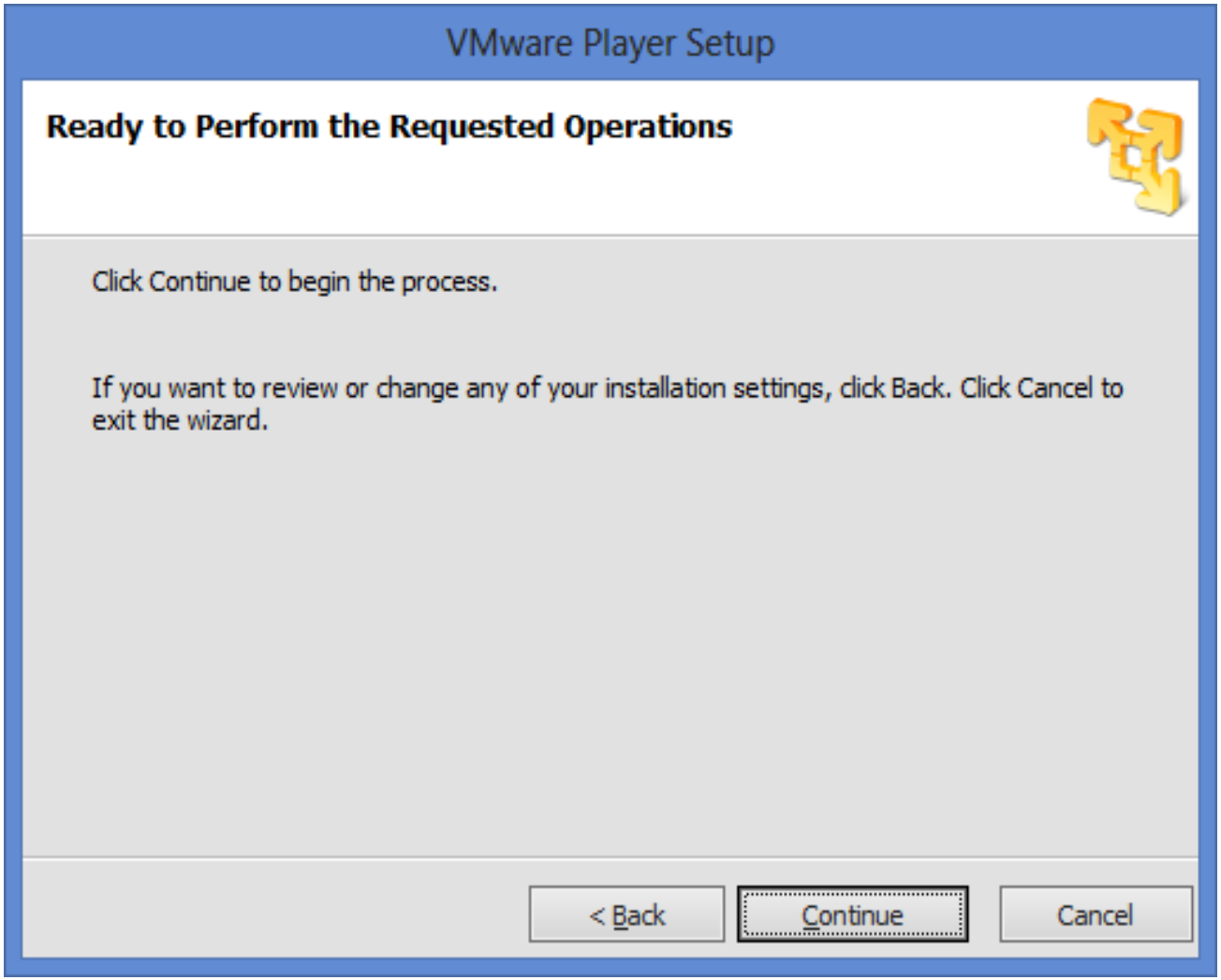

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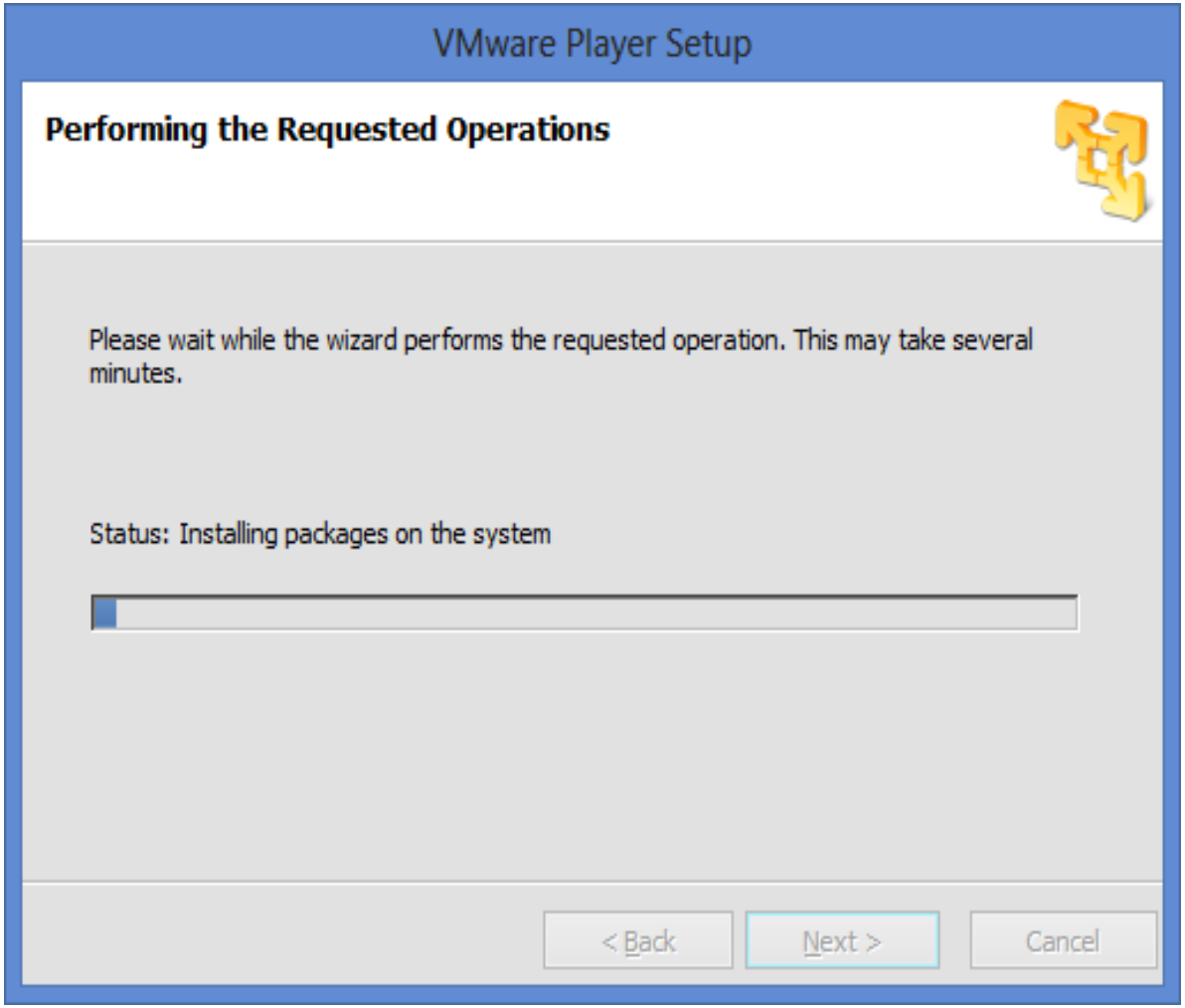

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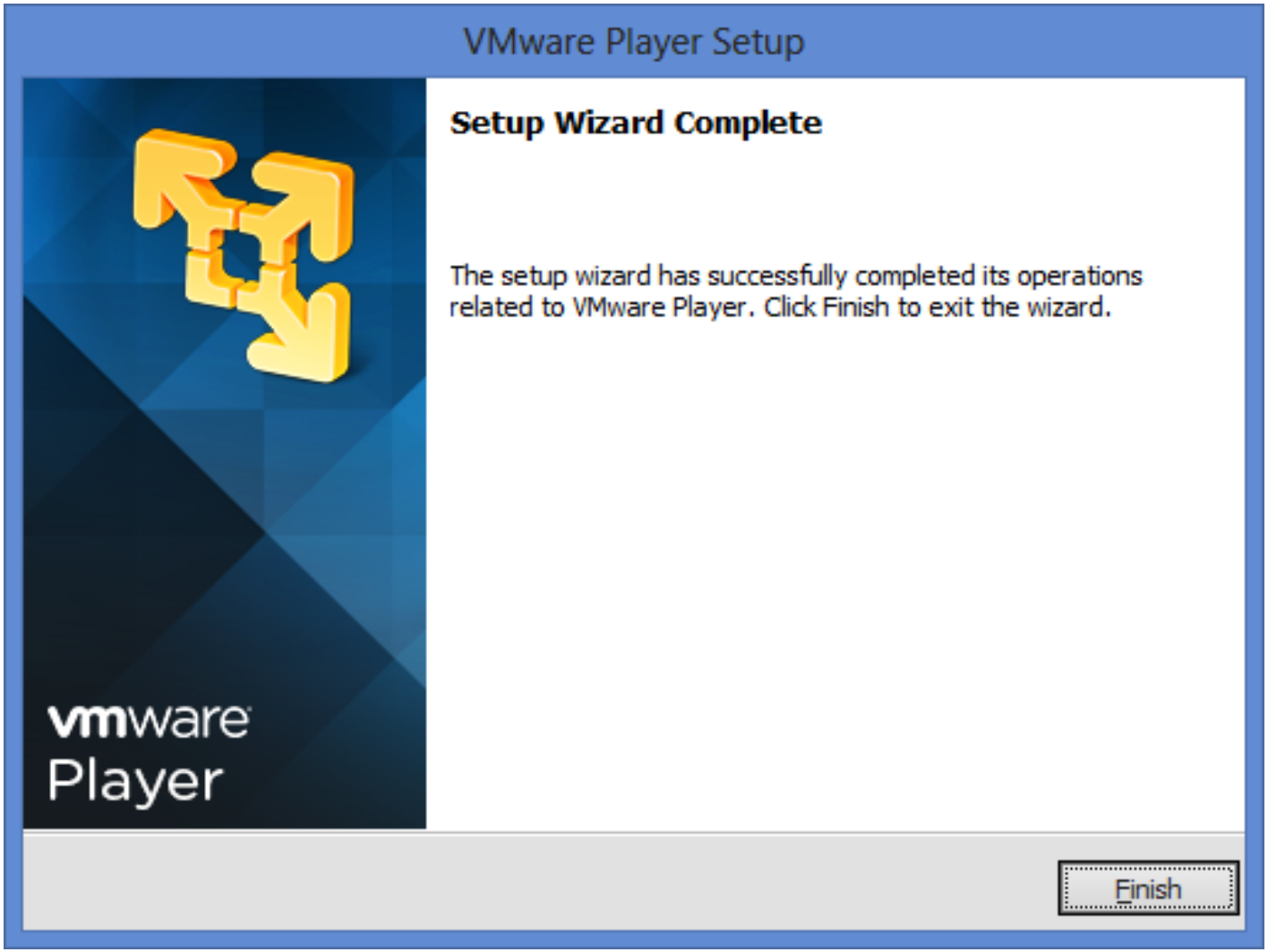

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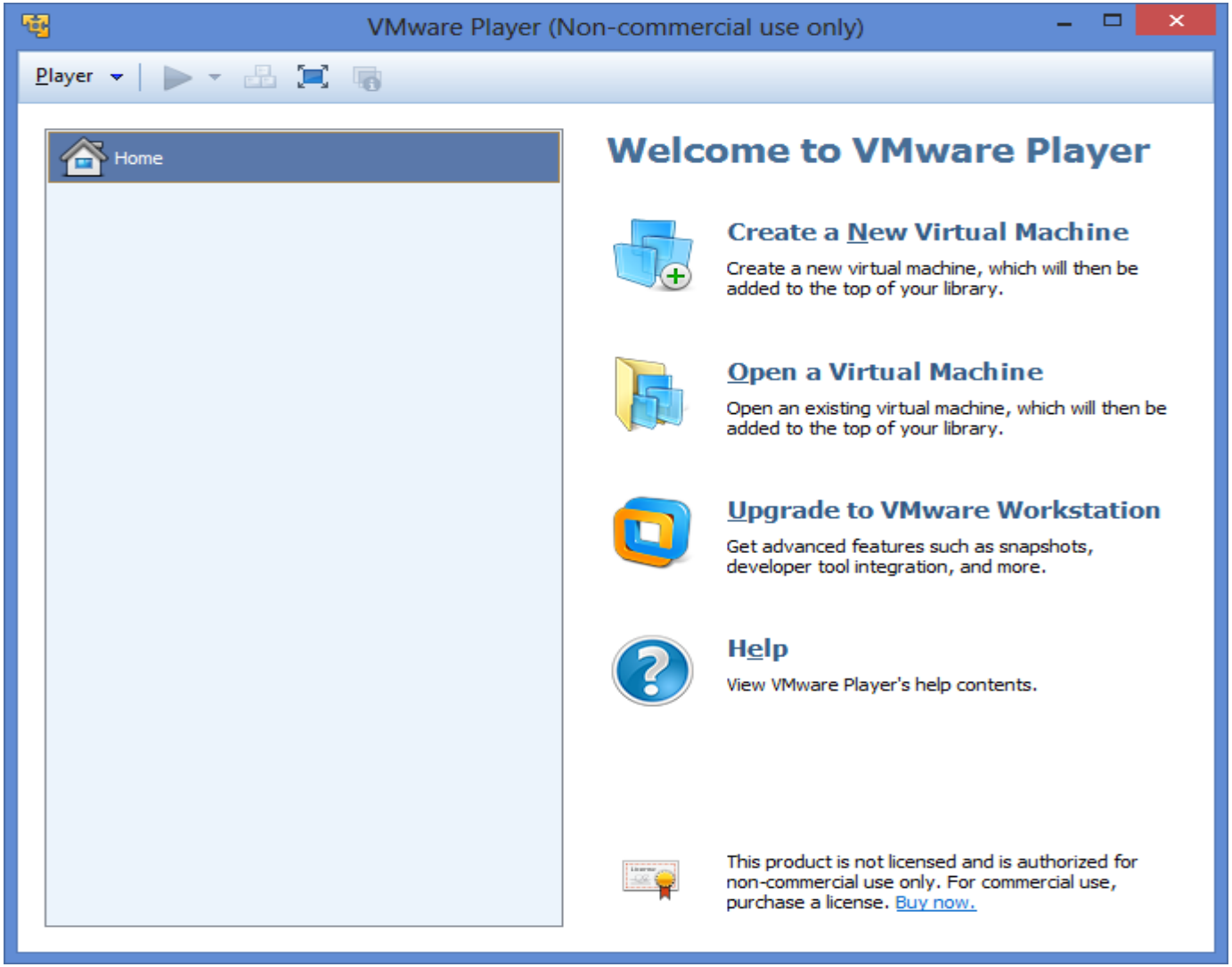
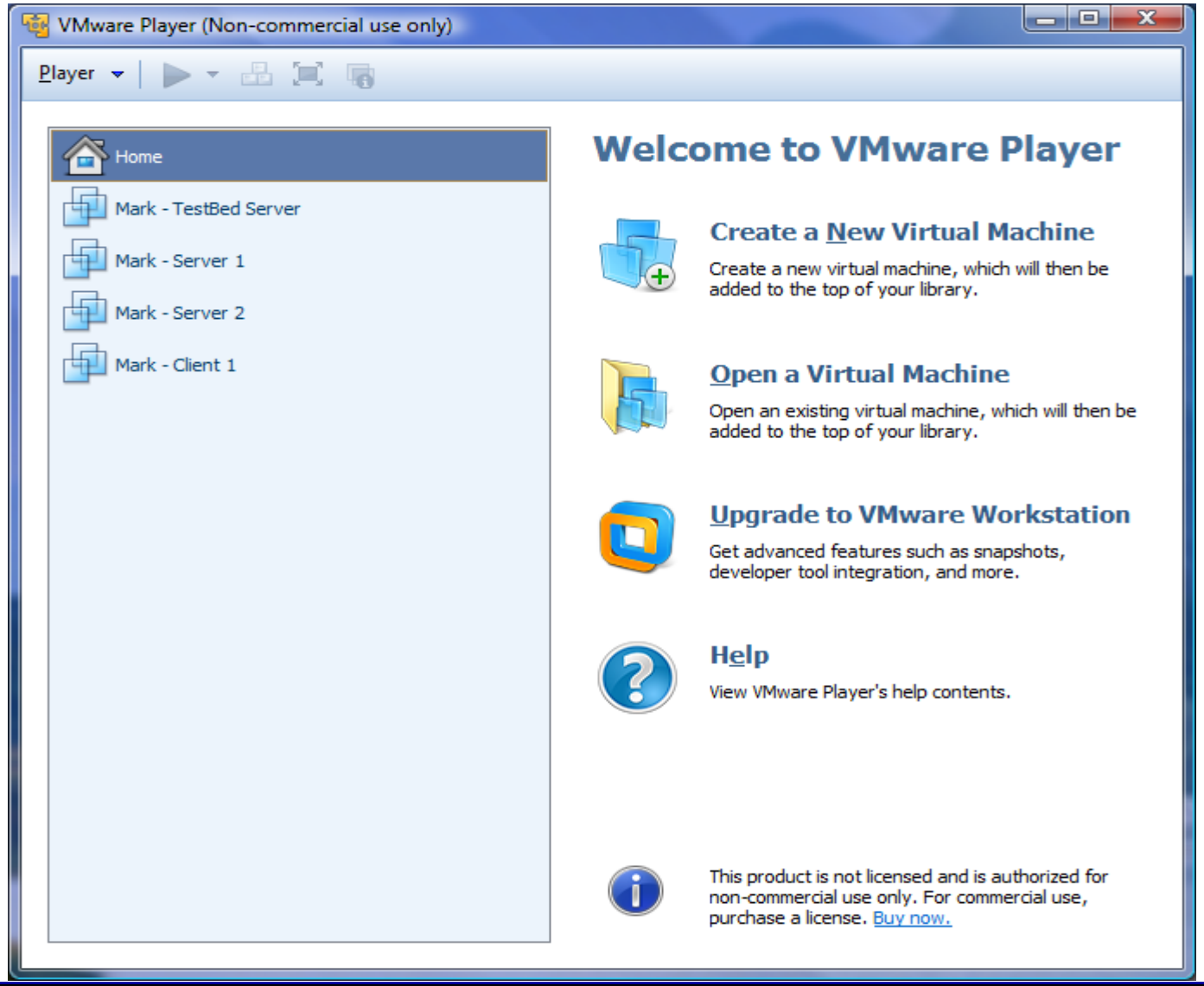


Initial VMware Player screen

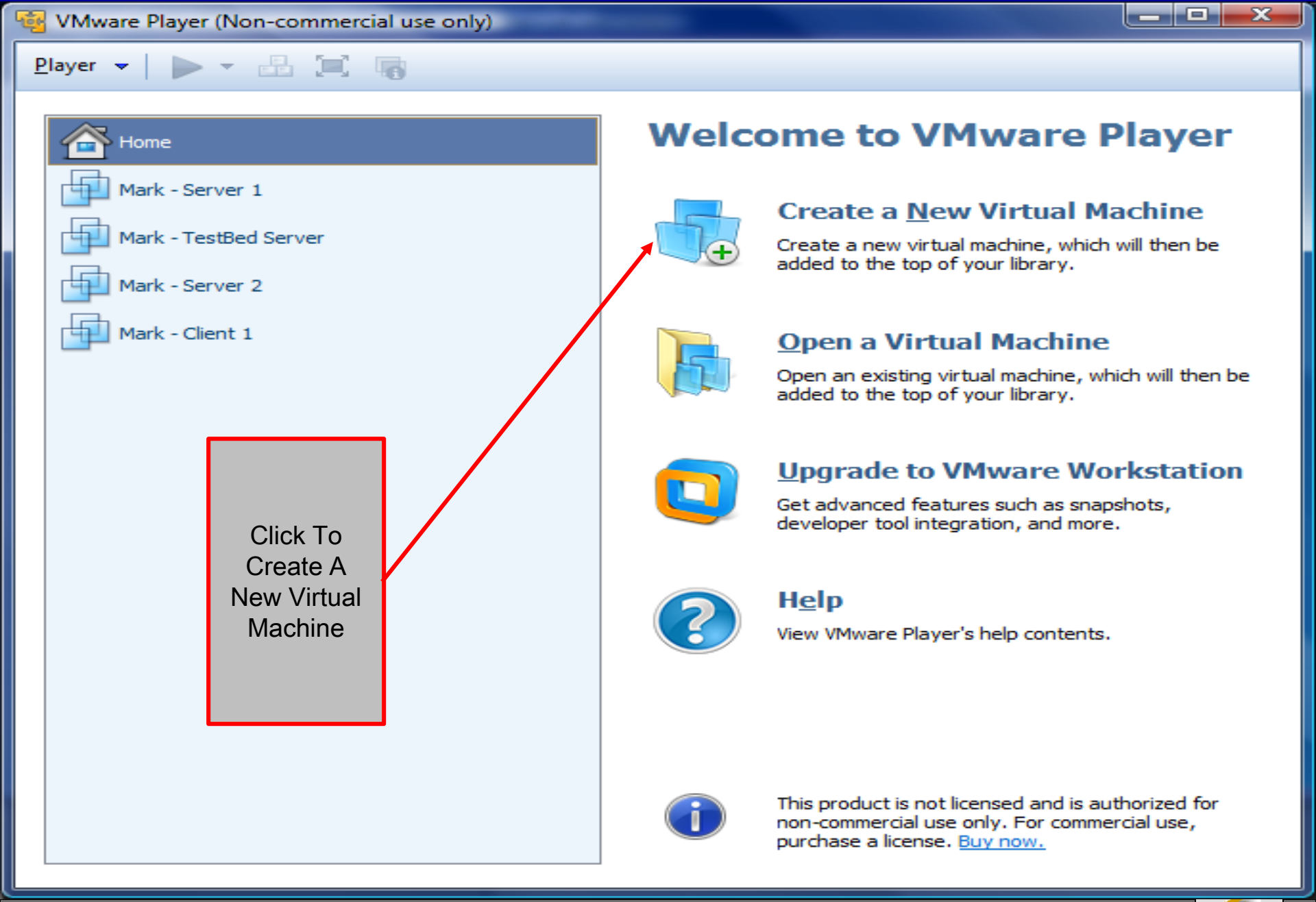
Installing and Configuring VMware Player



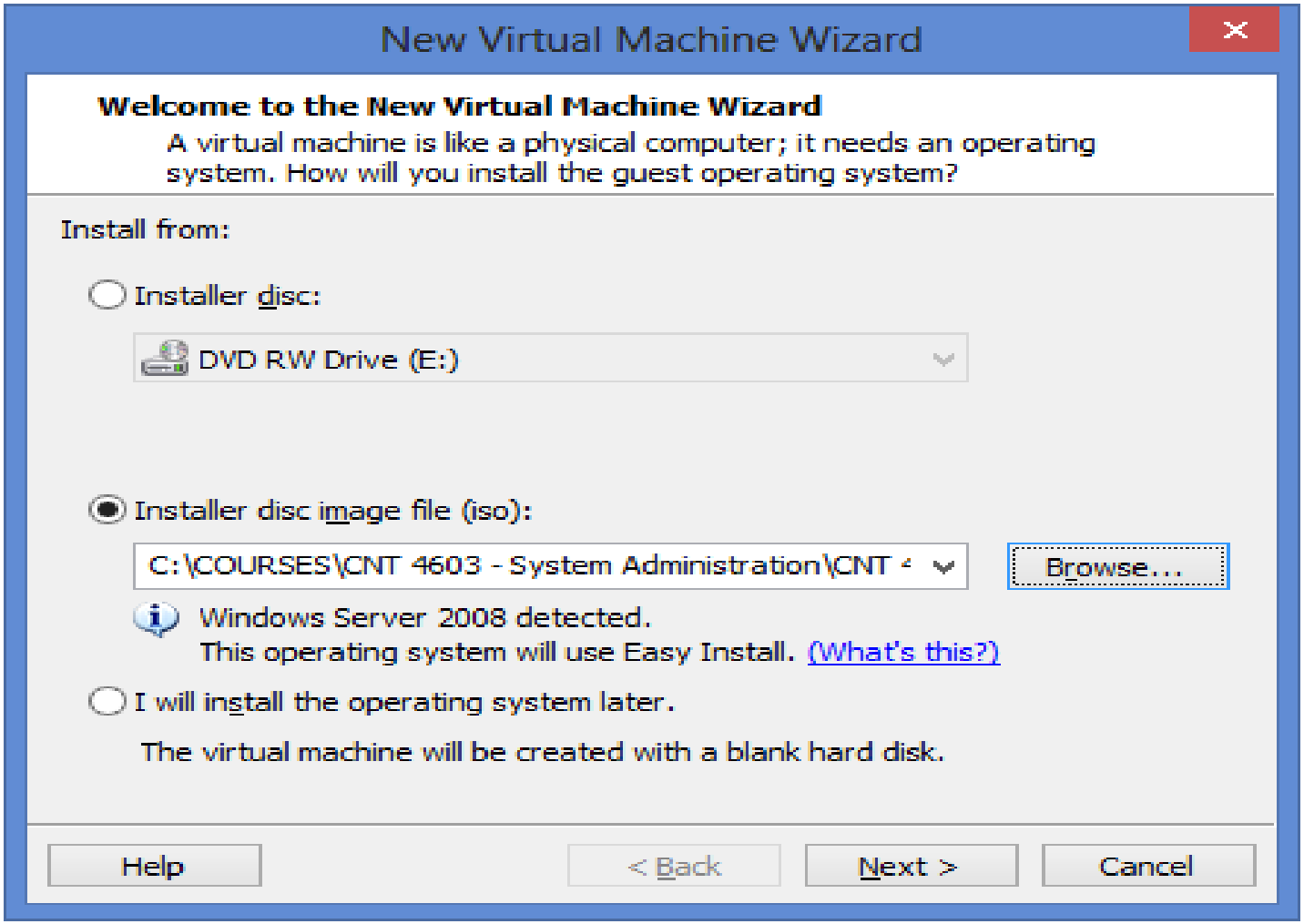
Initial VMware Player screen with some VMs installed

Creating A Virtual Server Under VMware Player

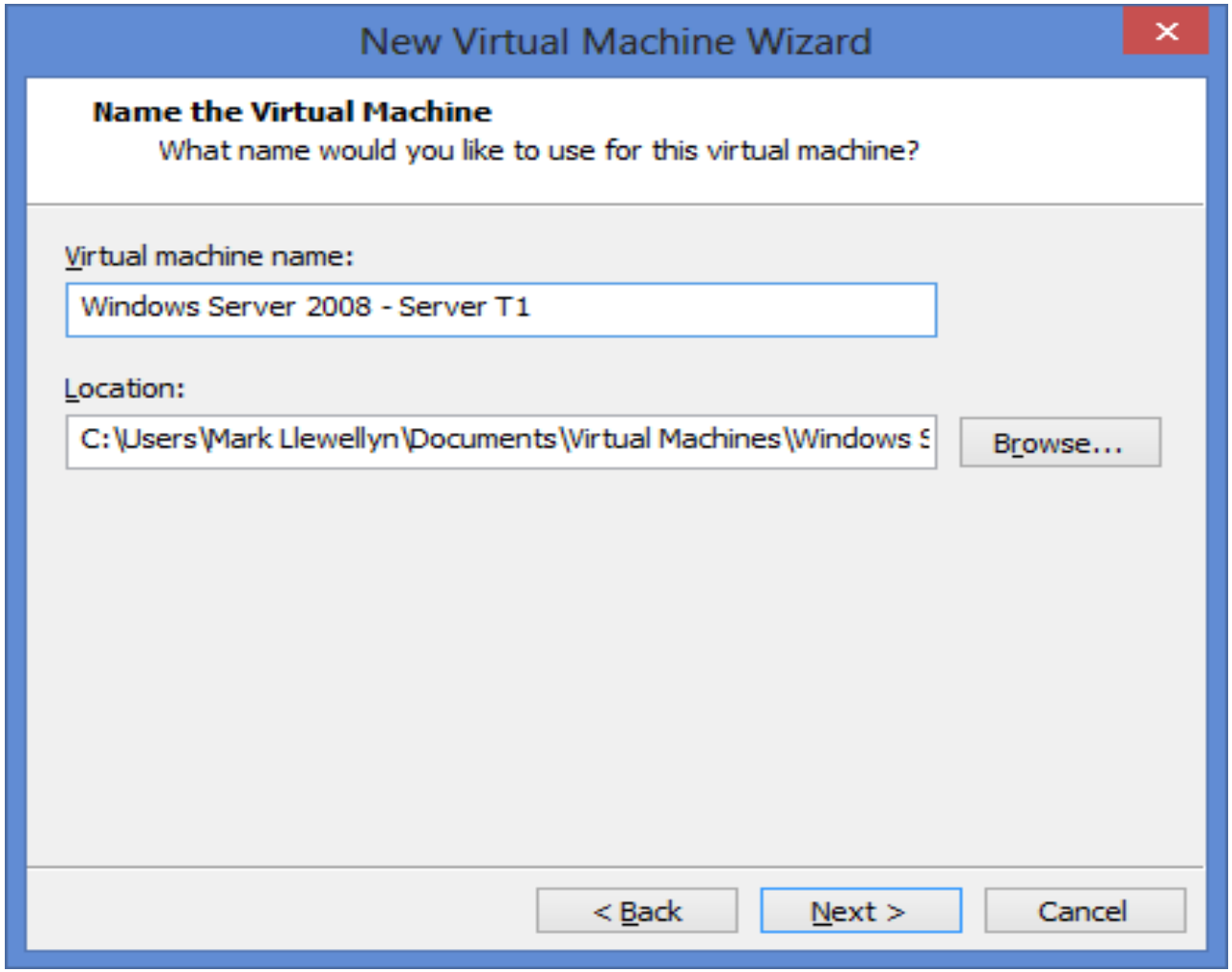
- The following pages step you through installing the Windows Server 2008 Standard Edition from a CD/DVD `.iso` image. Installation from another image will proceed in much the same manner.
- To get the `.iso` image, go to DreamSpark and search for Microsoft Windows Server 2008 R2. You want the `.iso` image.


VMware Player (Non-commercial use only)
Player
Home
Mark - Server 1
Mark - TestBed Server
Mark - Server 2
Mark - Client 1
Click To Create A New Virtual Machine
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



Installing and Configuring VMware Player



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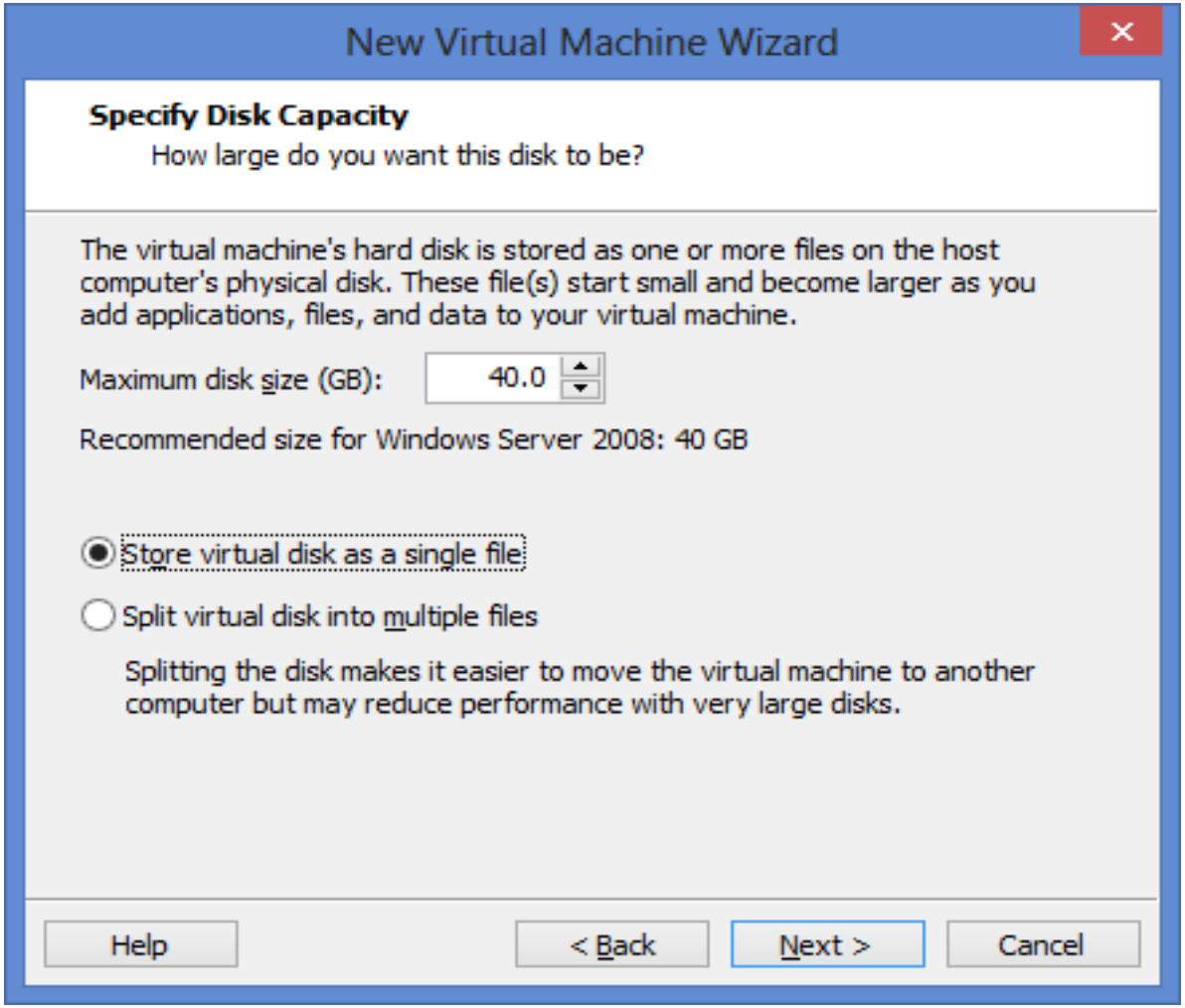

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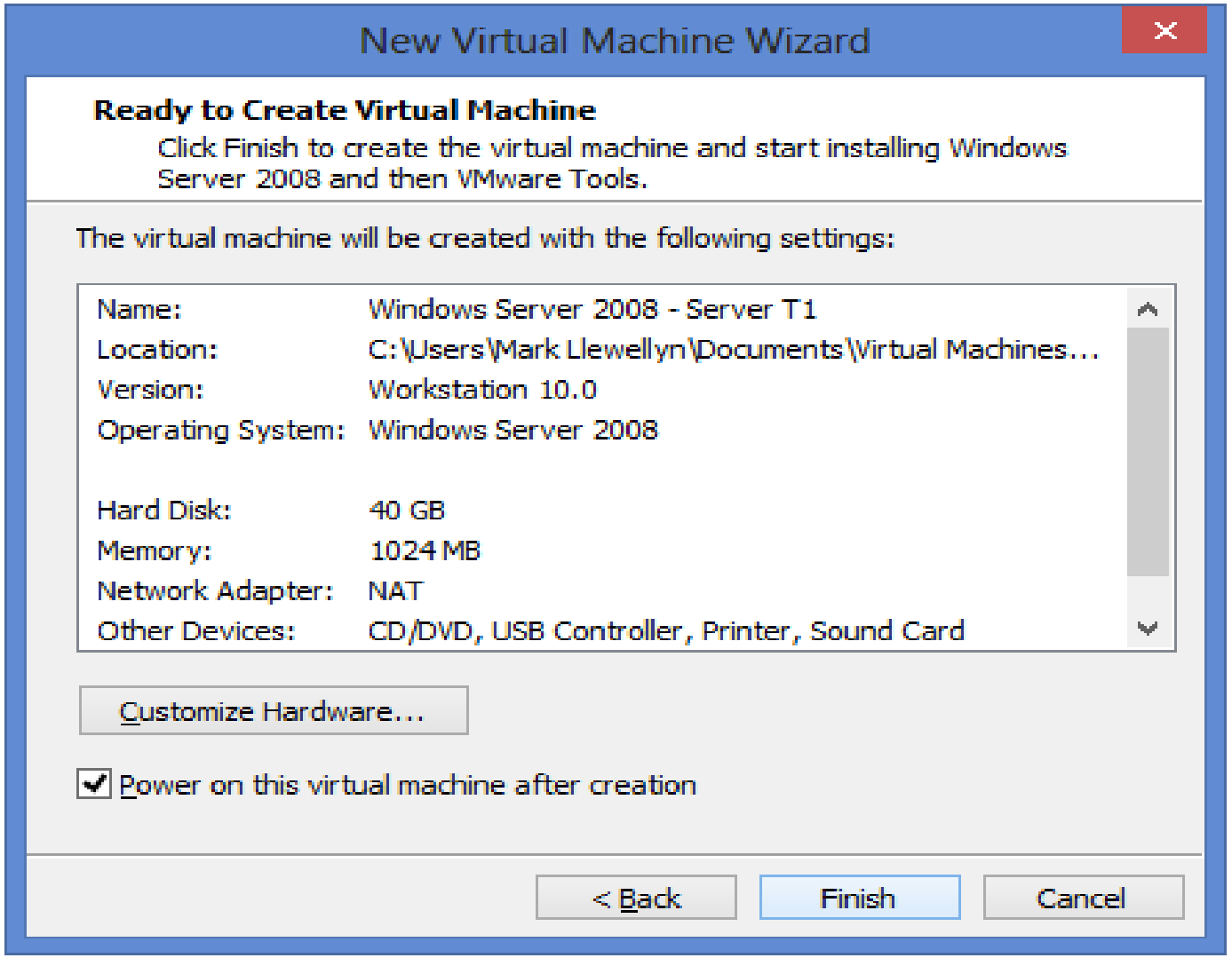
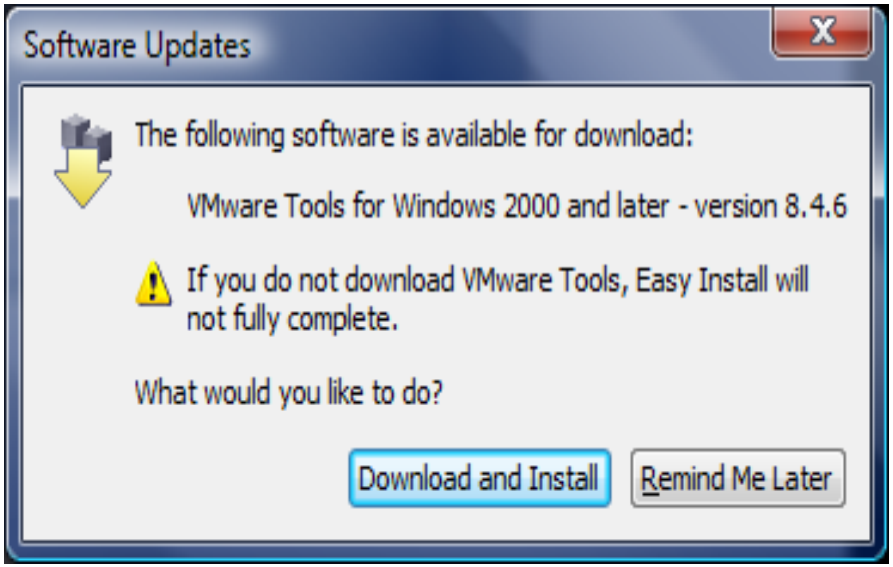
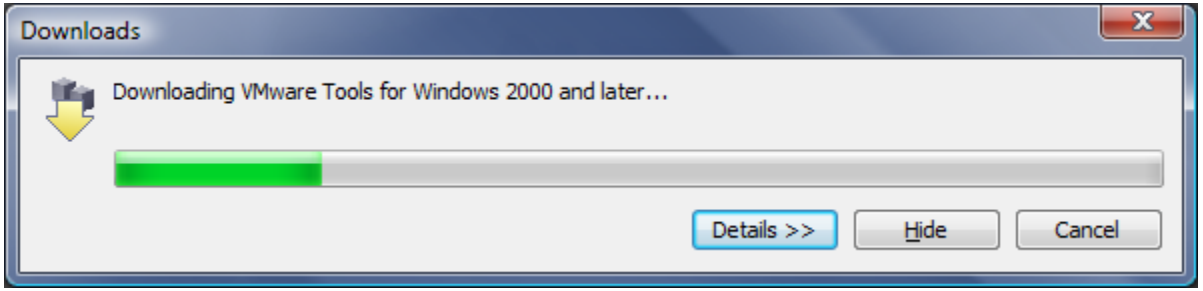
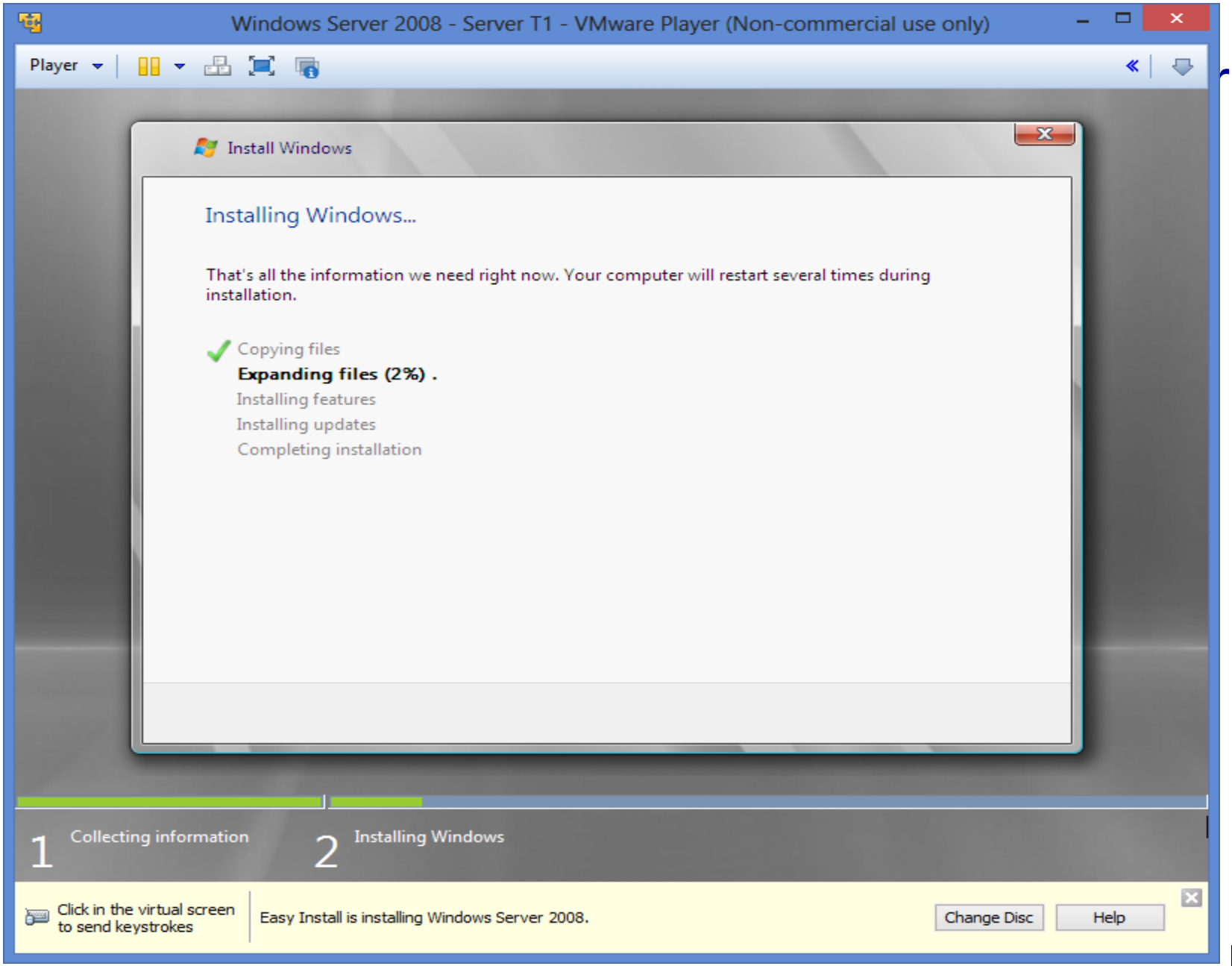
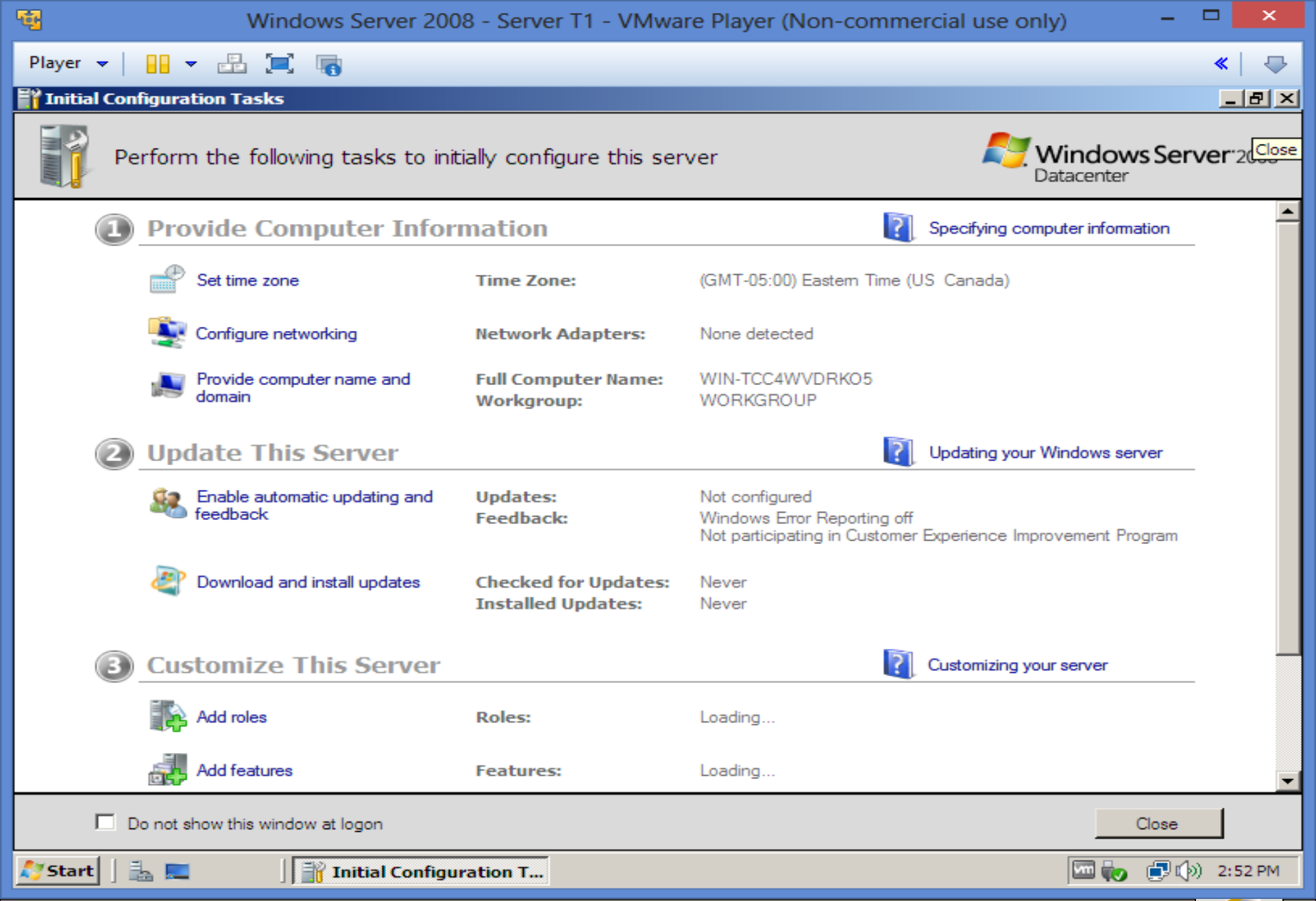


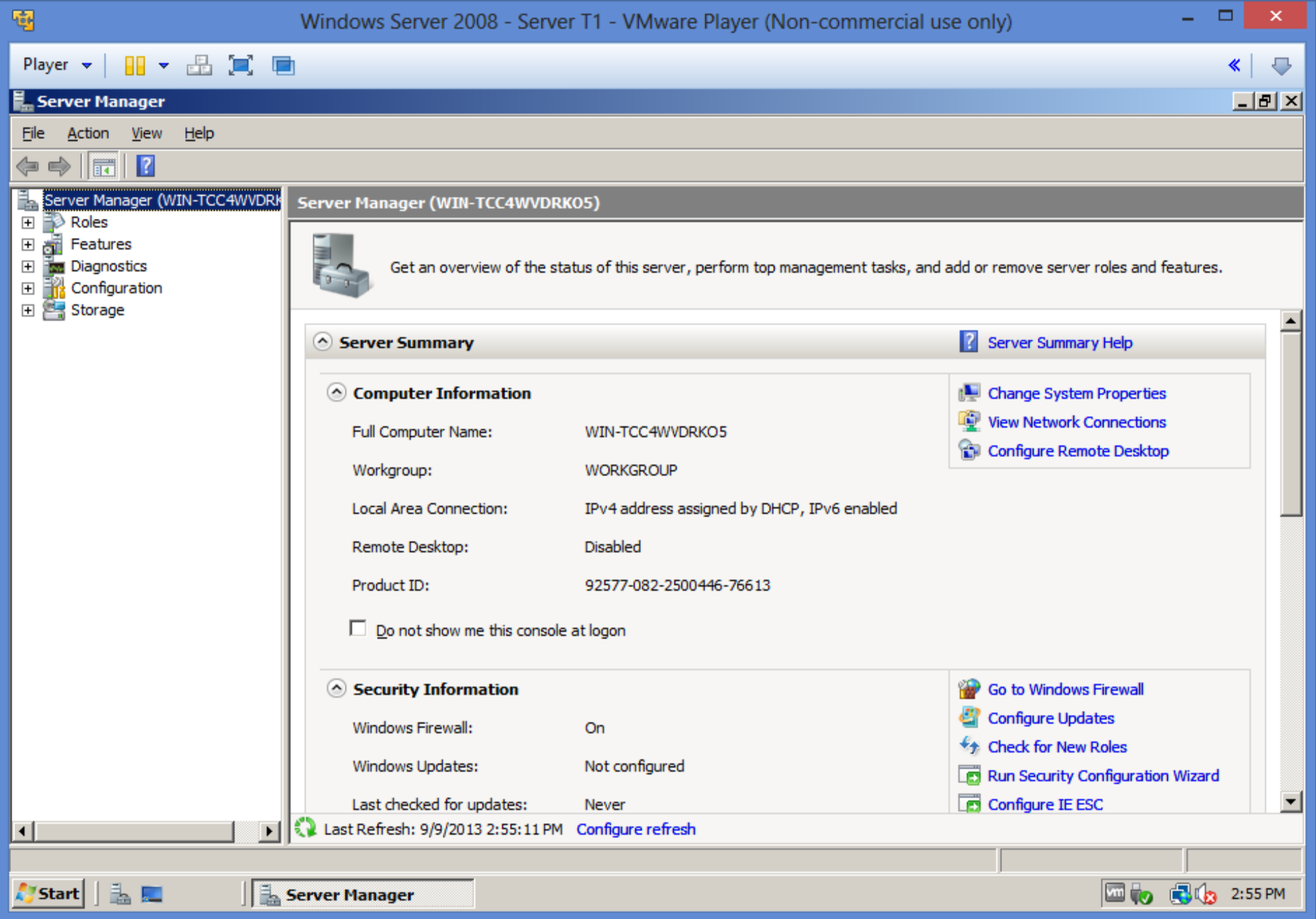
Installing and Configuring VMware Player

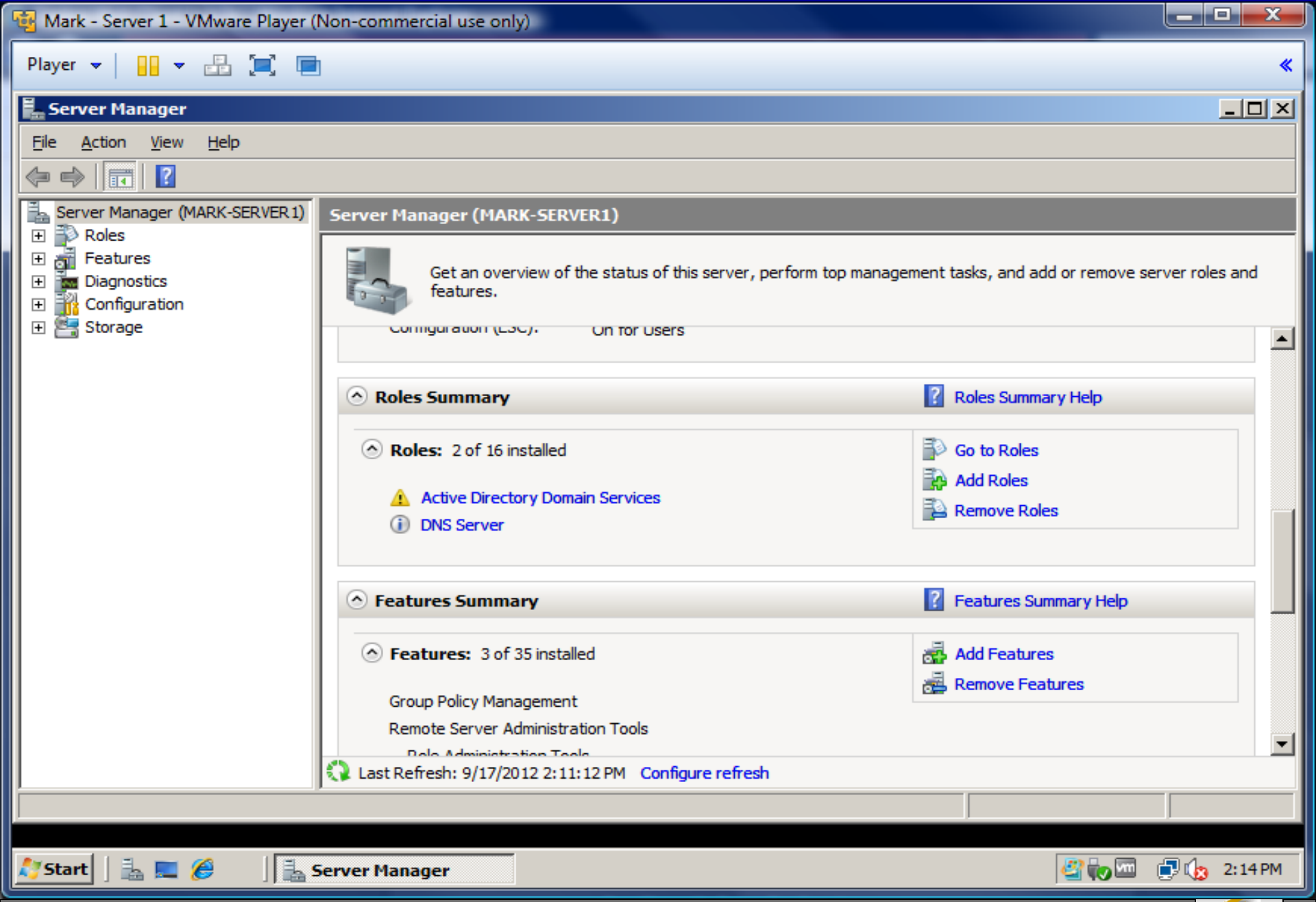





Windows Server 2008 - Server T1 - VMware Player (Non-commercial use only)
Player
Install Windows
Installing Windows...
That's all the information we need right now. Your computer will restart several times during installation.
Copying files
Expanding files (2%) .
Installing features
Installing updates
Completing installation
1 Collecting information
2 Installing Windows
Click in the virtual screen to send keystrokes
Easy Install is installing Windows Server 2008.
Change Disc
Help


Windows Server 2008 - Server T1 - VMware Player (Non-commercial use only)
Player
Initial Configuration Tasks
Perform the following tasks to initially configure this server
Windows Server 2008
Datacenter
Close
1 Provide Computer Information
Specifying 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
Updating your Windows 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
Customizing your server
Add roles
Roles:
Loading...
Add features
Features:
Loading...
Do not show this window at logon
Close
Start
Initial Configuration T...
2:52 PM

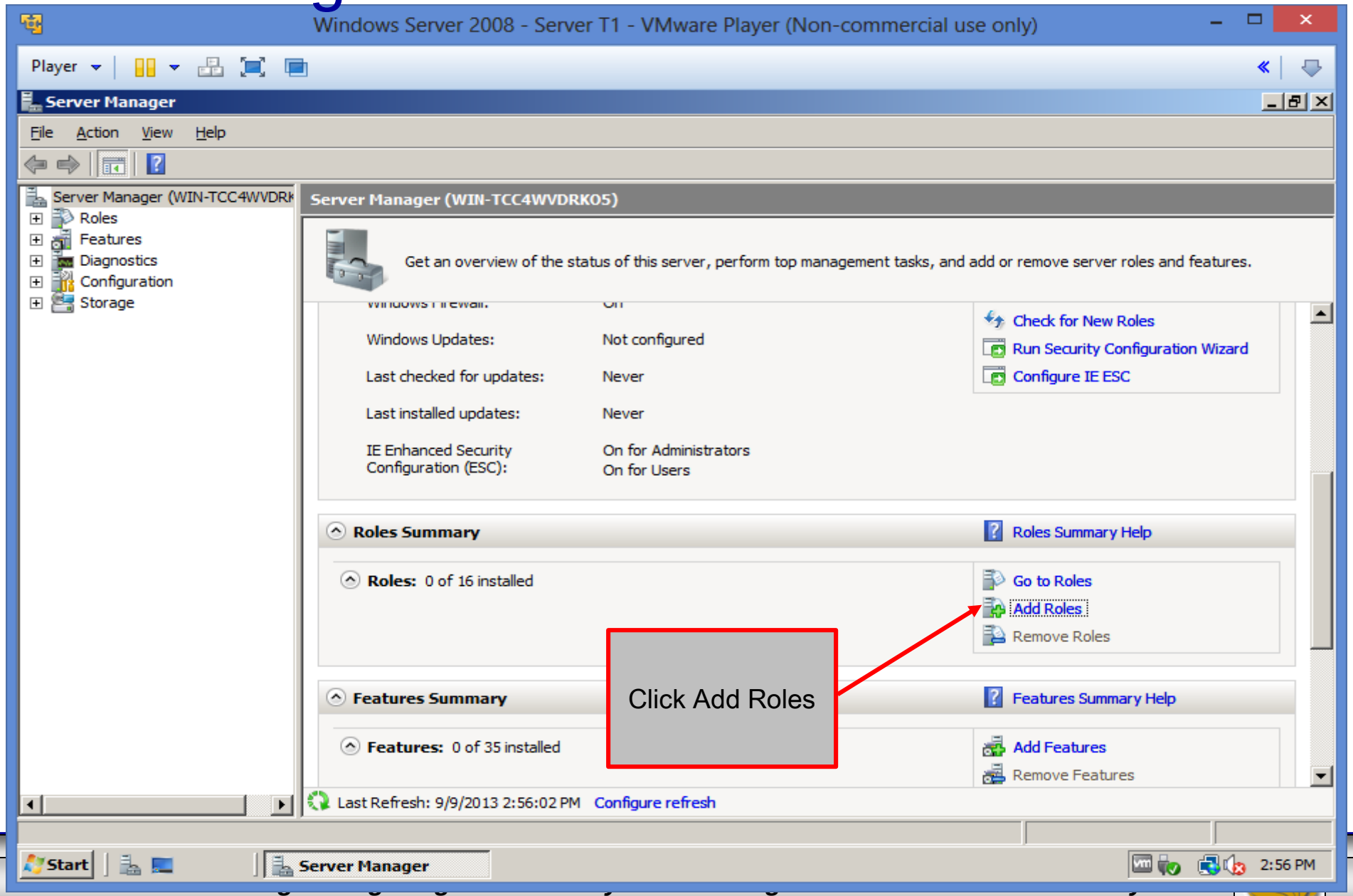

Windows Server 2008 - Server T1 - VMware Player (Non-commercial use only)
Player
Server Manager
File Action View Help
Server Manager (WIN-TCC4WVDRK
Roles
Features
Diagnostics
Configuration
Storage
Server Manager (WIN-TCC4WVDRKO5)
Get an overview of the status of this server, perform top management tasks, and add or remove server roles and features.
Server Summary
Server Summary Help
Computer Information
Full Computer Name: WIN-TCC4WVDRKO5
Workgroup: WORKGROUP
Local Area Connection: IPv4 address assigned by DHCP, IPv6 enabled
Remote Desktop: Disabled
Product ID: 92577-082-2500446-76613
Change System Properties
View Network Connections
Configure Remote Desktop
Do not show me this console at logon
Security Information
Windows Firewall: On
Windows Updates: Not configured
Last checked for updates: Never
Go to Windows Firewall
Configure Updates
Check for New Roles
Run Security Configuration Wizard
Configure IE ESC
Last Refresh: 9/9/2013 2:55:11 PM Configure refresh
Start
Server Manager
2:55 PM


Mark - Server 1 - VMware Player (Non-commercial use only)
Player
Server Manager
File Action View Help
Server Manager (MARK-SERVER1)
Roles
Features
Diagnostics
Configuration
Storage
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.
On for Users
Roles Summary
Roles Summary Help
Roles: 2 of 16 installed
Active Directory Domain Services
DNS Server
Go to Roles
Add Roles
Remove Roles
Features Summary
Features Summary Help
Features: 3 of 35 installed
Group Policy Management
Remote Server Administration Tools
Add Features
Remove Features
Last Refresh: 9/17/2012 2:11:12 PM
Configure refresh
Start
Server Manager
2:14 PM

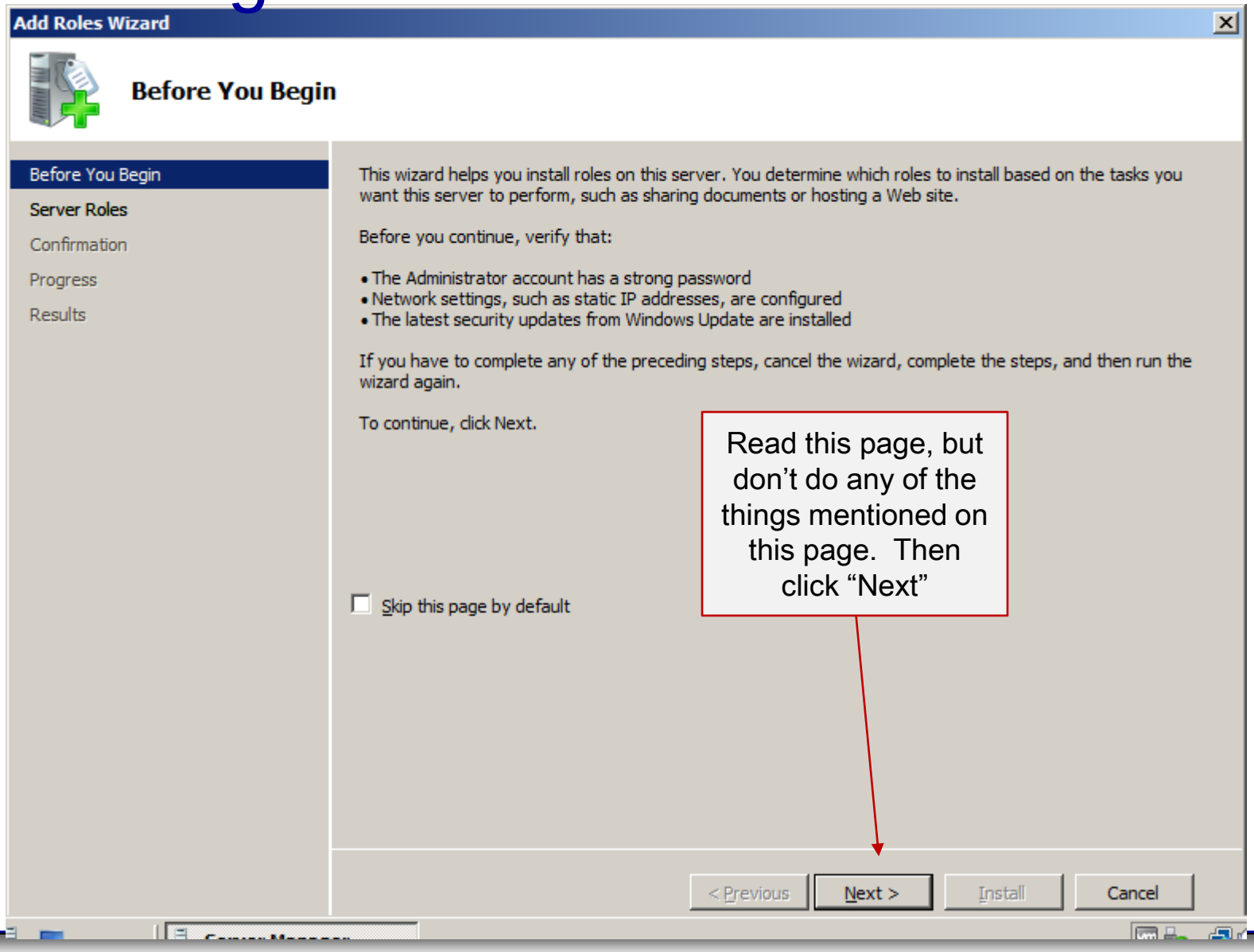
Viewing Server Roles in Server 2008

- 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.

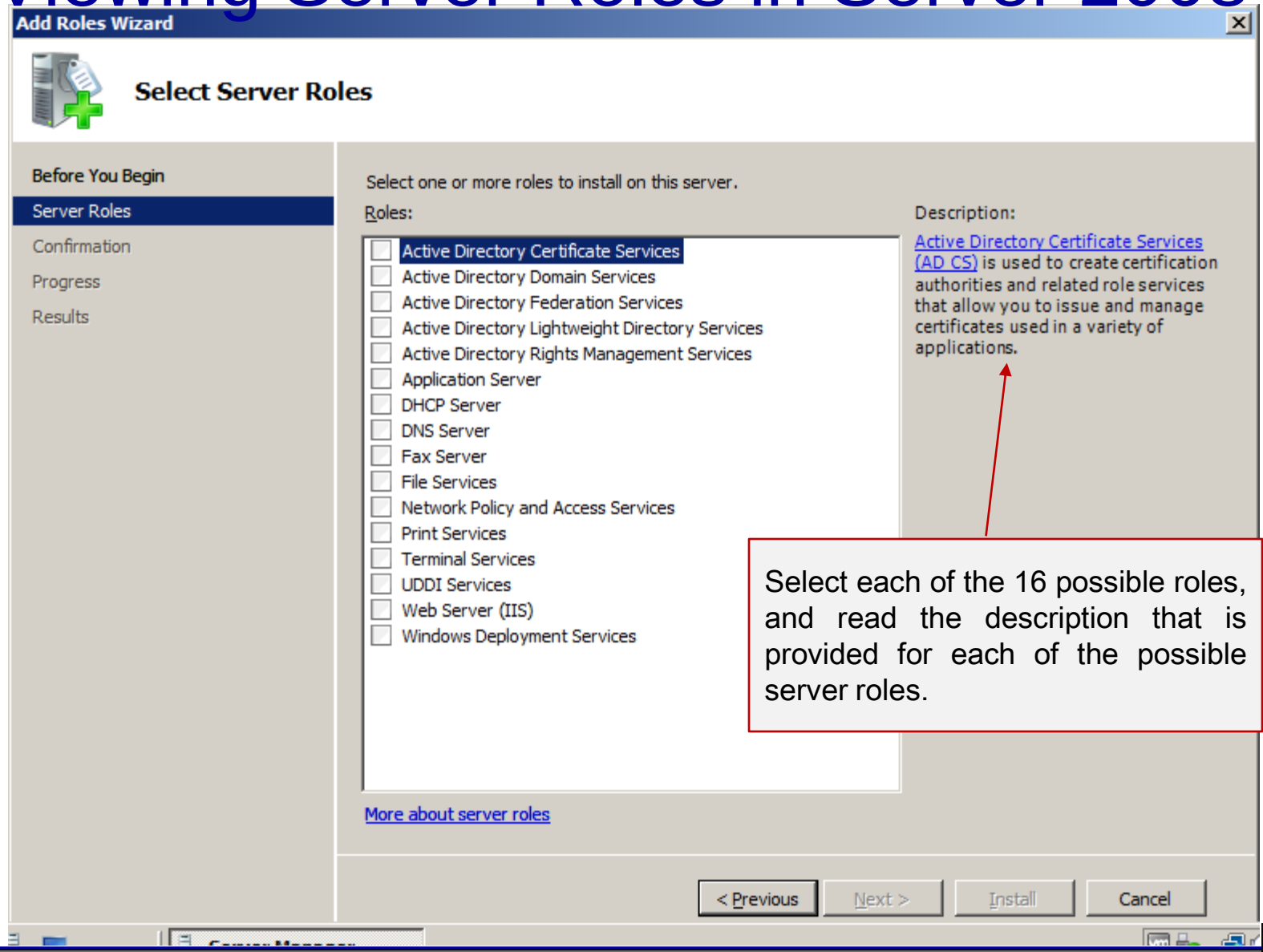
Viewing Server Roles in Server 2008



Viewing Server Roles in Server 2008



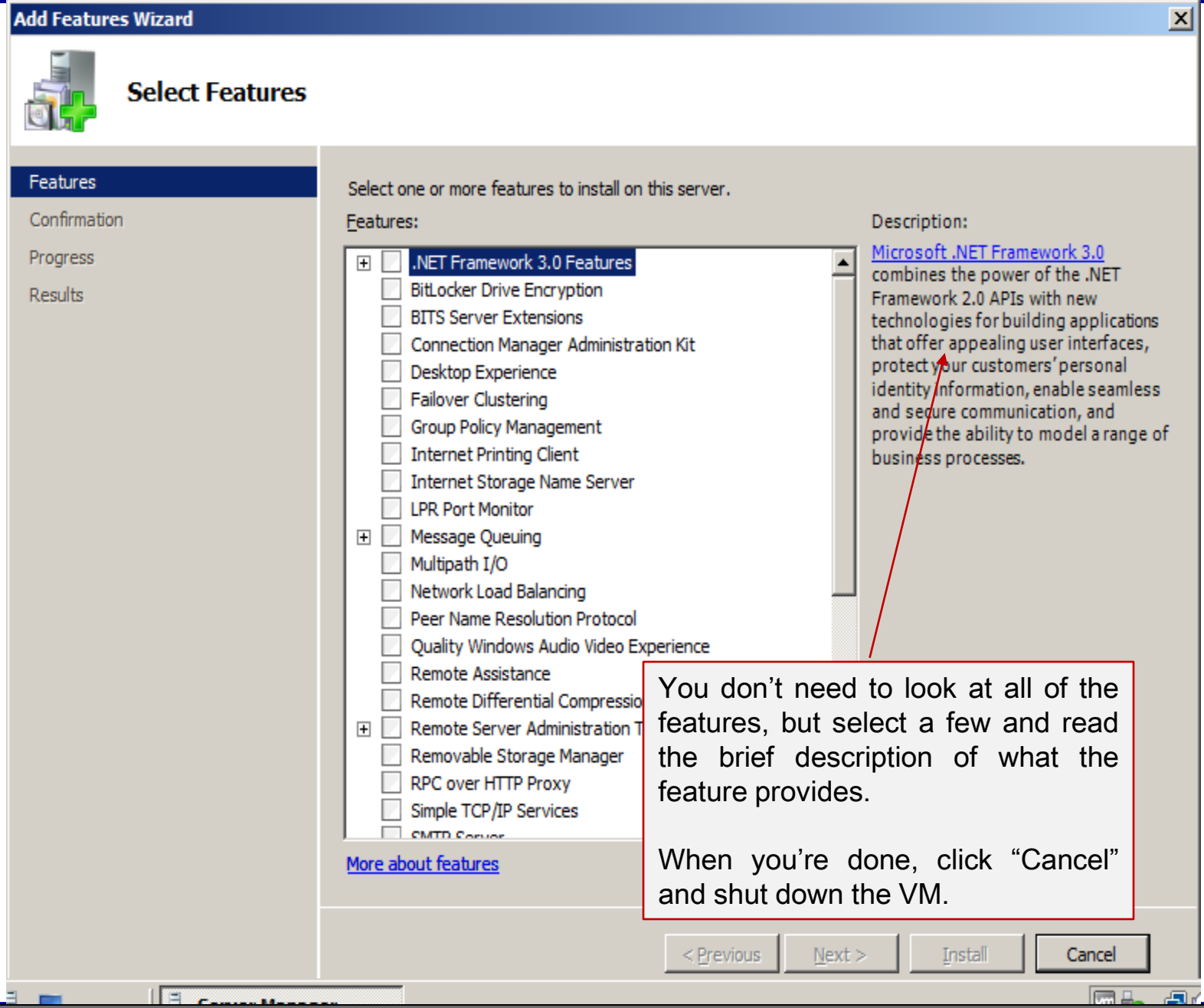
Viewing Server Roles in Server 2008



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.


Add Features Wizard
Select Features
Features
Confirmation
Progress
Results
Select one or more features to install on this server.
Features:
.NET Framework 3.0 Features
BitLocker Drive Encryption
BITS Server Extensions
Connection Manager Administration Kit
Desktop Experience
Failover Clustering
Group Policy Management
Internet Printing Client
Internet Storage Name Server
LPR Port Monitor
Message Queuing
Multipath I/O
Network Load Balancing
Peer Name Resolution Protocol
Quality Windows Audio Video Experience
Remote Assistance
Remote Differential Compressio
Remote Server Administration T
Removable Storage Manager
RPC over HTTP Proxy
Simple TCP/IP Services
More about features
Description:
Microsoft .NET Framework 3.0 combines the power of the .NET Framework 2.0 APIs with new technologies for building applications that offer appealing user interfaces, protect your customers' personal identity information, enable seamless and secure communication, and provide the ability to model a range of business processes.
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.
< Previous
Next >
Install
Cancel