

# VMware Installation Tutorial Guide

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February 1, 2017

# Chapter 1

## Introduction

### 1.1 Overview

#### 1.1.1 Background

VMware Workstation Player is a tool used to install multiple virtual machines on a single host. There are few advantages of having a virtual machine rather than having a different OS installed as dual-boot option. The main advantage is users can work in both operating systems at the same time. However there is a performance compromise which is nearly negligible given the fact that most modern computers are well advance in technology and also in specifications.

### 1.2 Requirements

#### 1.2.1 System Requirements

Currently VMware Workstation Player supports Microsoft Windows host machines. This tutorial contains a comprehensive step-by-step guide to install the software in Windows environment.

All operating systems from Windows 7 and later are supported by VMware Workstation Player.

Minimum 4 GB of RAM is recommended.*(you may try to install the software but actual support to guest OSes maybe limited)*

Both 64-bit and 32-bit hosts are supported.

## Chapter 2

# Installation

### 2.1 Step-by-Step Guide

#### 2.1.1 Obtaining the setup file

You can obtain the setup file from <http://www.vmware.com> for free. The version you should look for is *VMware Workstation Player*.

OR

I have downloaded a setup file and made those files available in the following link.

[https://nsbm365-my.sharepoint.com/personal/ayesh\\_j\\_nsbm\\_lk/\\_layouts/15/guestaccess.aspx?folderid=06c3ac04cea13432bb53b90fc9cd1a481&authkey=ASezcCd63yiPX\\_OrtR4-CNI](https://nsbm365-my.sharepoint.com/personal/ayesh_j_nsbm_lk/_layouts/15/guestaccess.aspx?folderid=06c3ac04cea13432bb53b90fc9cd1a481&authkey=ASezcCd63yiPX_OrtR4-CNI)

PS : Above link contains two setup files for version 7 and 12. I suggest you to use version 7. (Try it first before trying to install version 12)

## 2.2 Installing

Figure 2.1: Double click to open the setup file. You will be presented with this window.



Figure 2.2: Click *Next* to proceed.

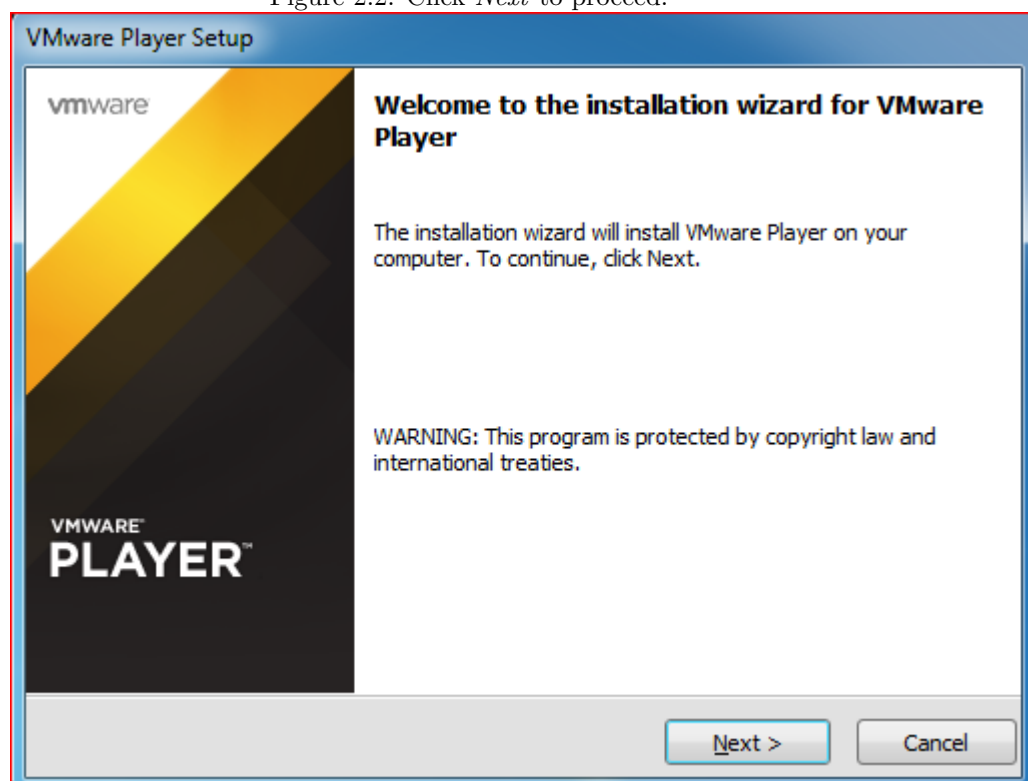


Figure 2.3: Click *Next* to proceed.

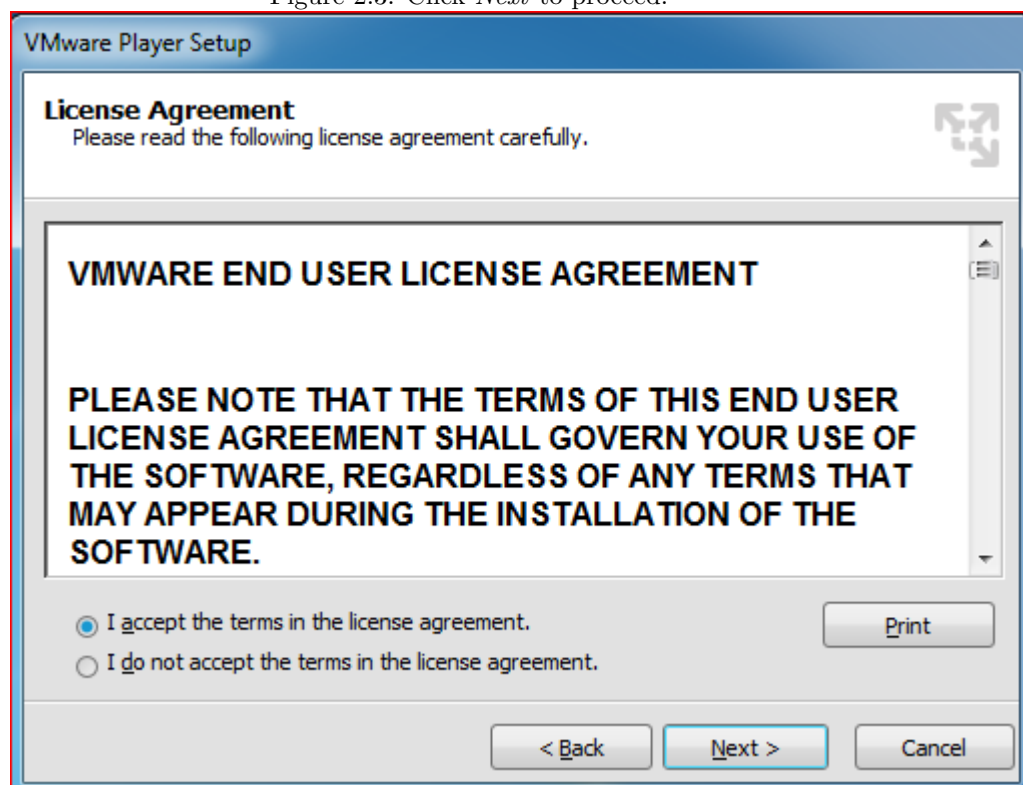


Figure 2.4: Click *Next* to proceed. Leave the default installation folder unchanged.

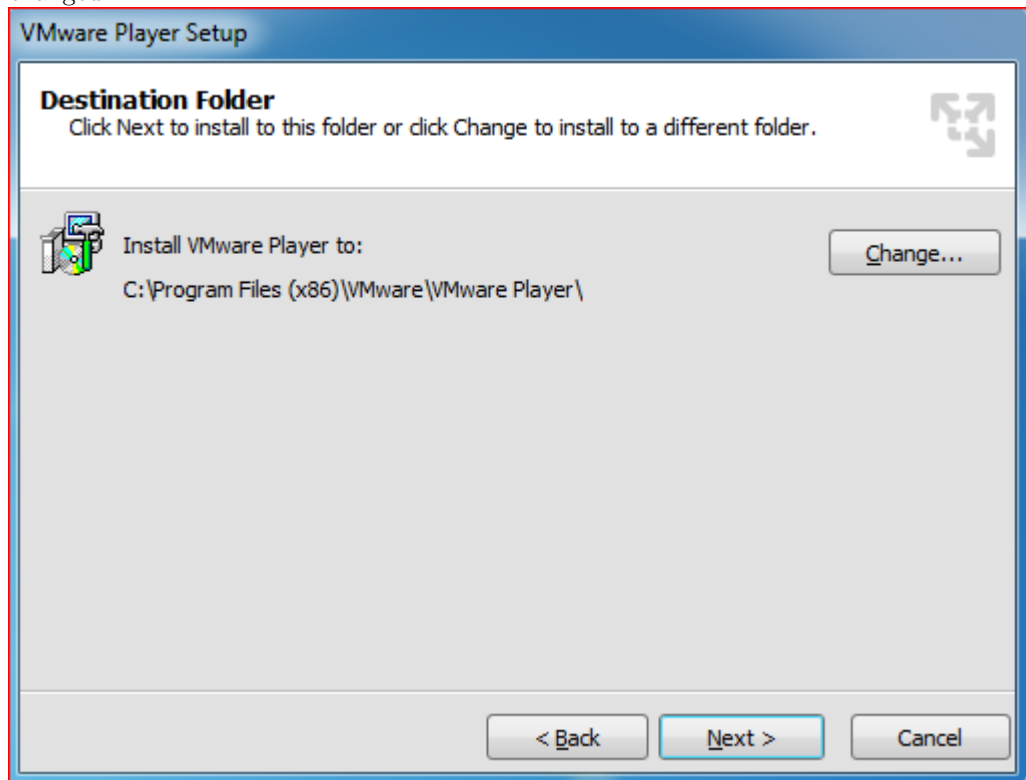


Figure 2.5: Remove the tick and then click *Next* to proceed.

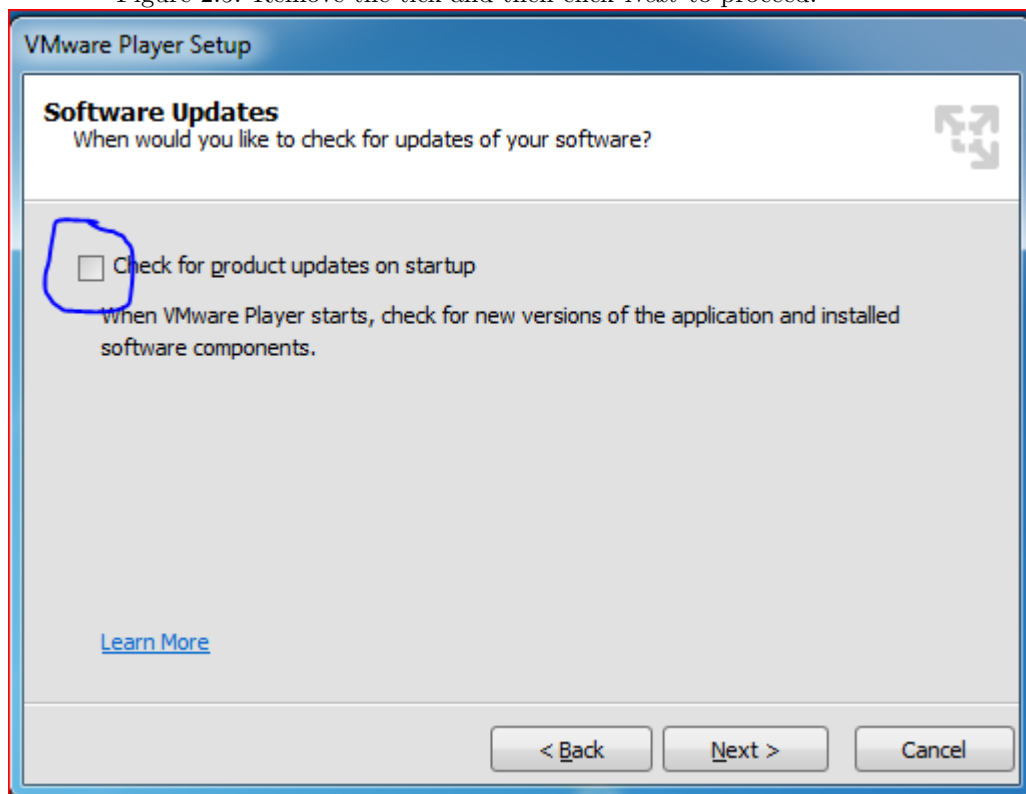




Figure 2.6: Remove the tick and then click *Next* to proceed.

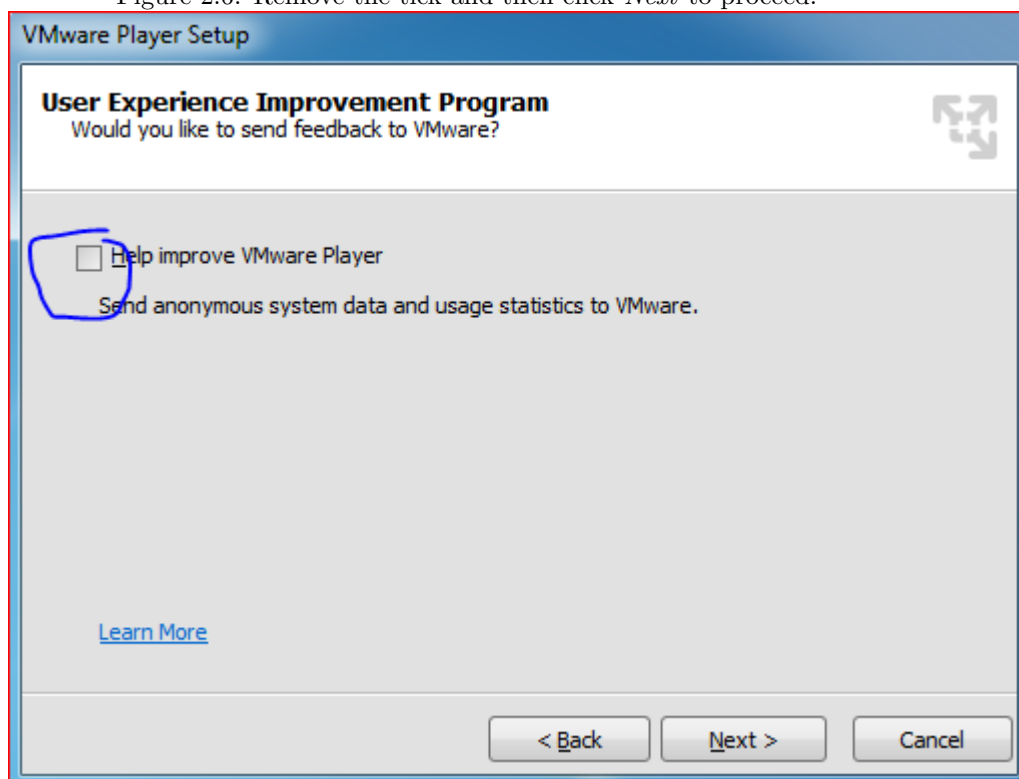


Figure 2.7: Click *Next* to proceed.

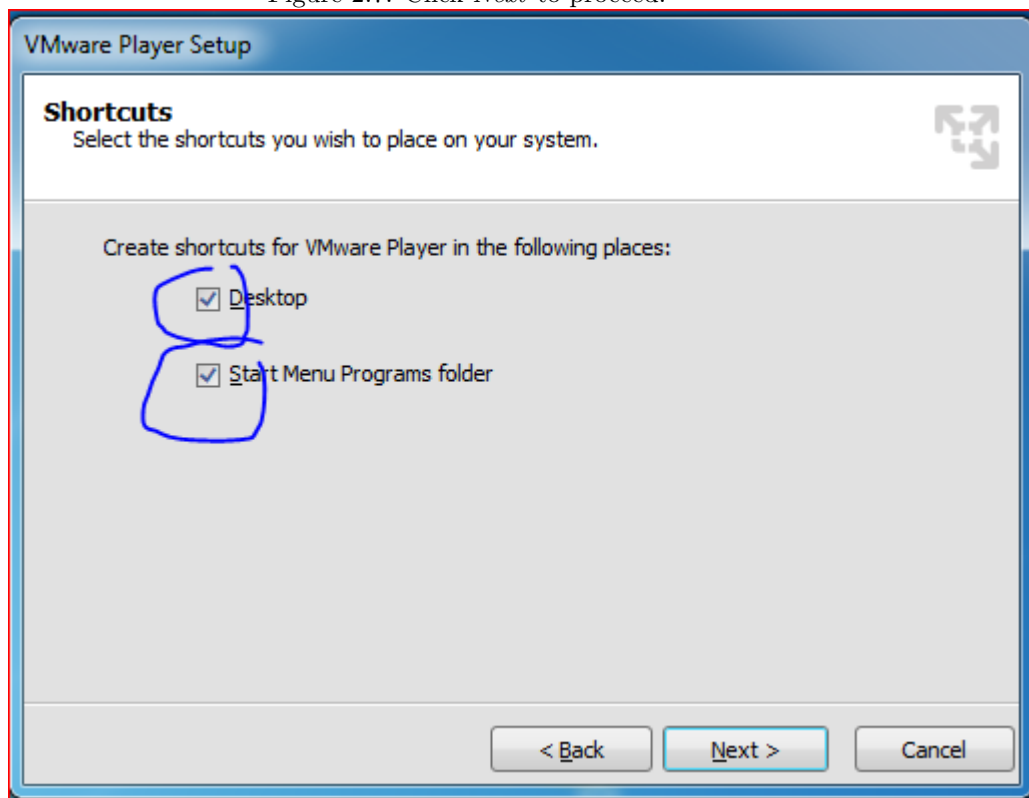


Figure 2.8: Click *Continue* to proceed.

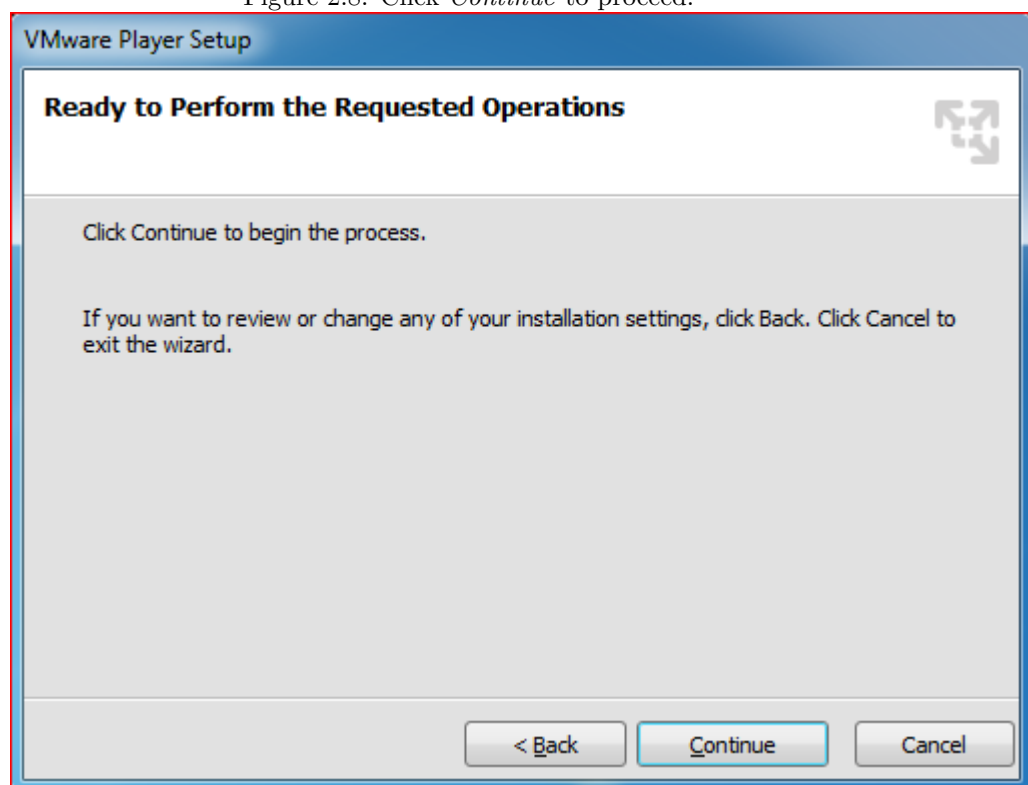


Figure 2.9: Sit back and wait for the process to finish!

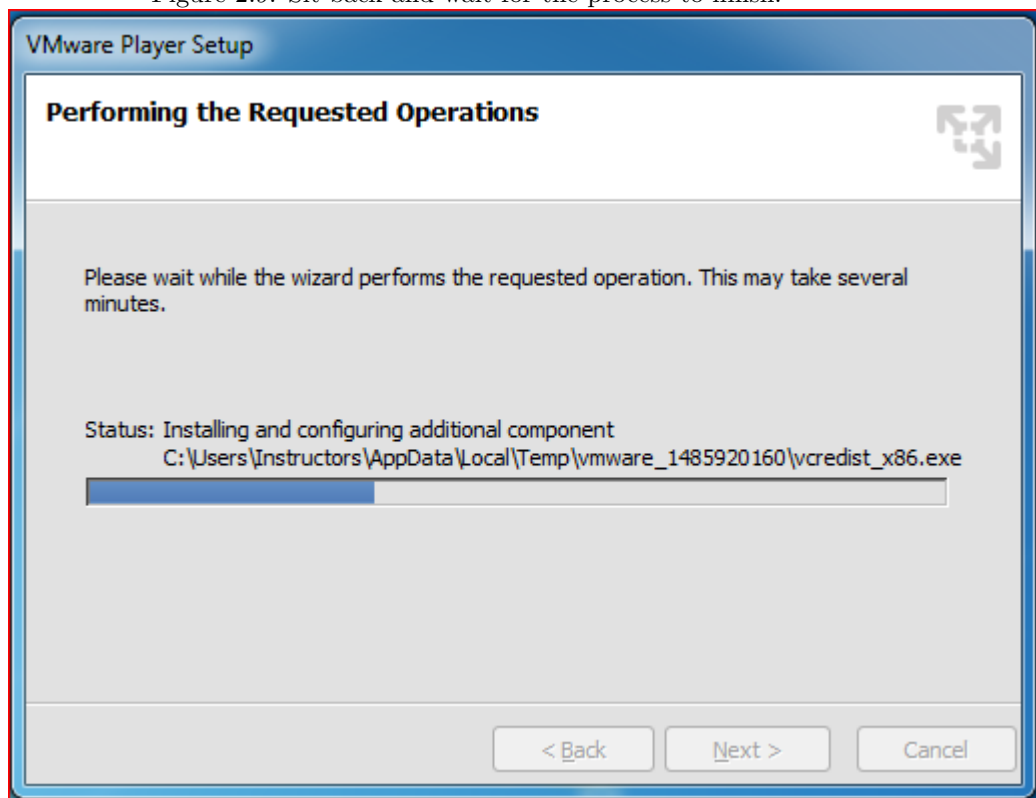


Figure 2.10: Click *Finish* to complete the installation.



## Chapter 3

# Virtual Environments

### 3.1 Guest Operating Systems

Once you install VMware Workstation player you are ready to host any OS virtually. For that purpose first choose a guest OS (maybe Windows, Ubuntu, CentOS etc.). In this guide I'll explain how to install Windows 7 as a guest OS.

For that purpose you will need a Windows 7 installation disk or an .iso file. Once you source one you can proceed with this guide. (i.e in order to do this you need a installation disk or an .iso file of a operating system of your choice.).

Assuming you have a disk or a disk image....

#### 3.1.1 Preparing Guest OS

First open VMware player that you installed in previous section. A shortcut in your desktop should be there.

Figure 3.1: Main window of VMware Workstation Player From this point follow the highlighted option.

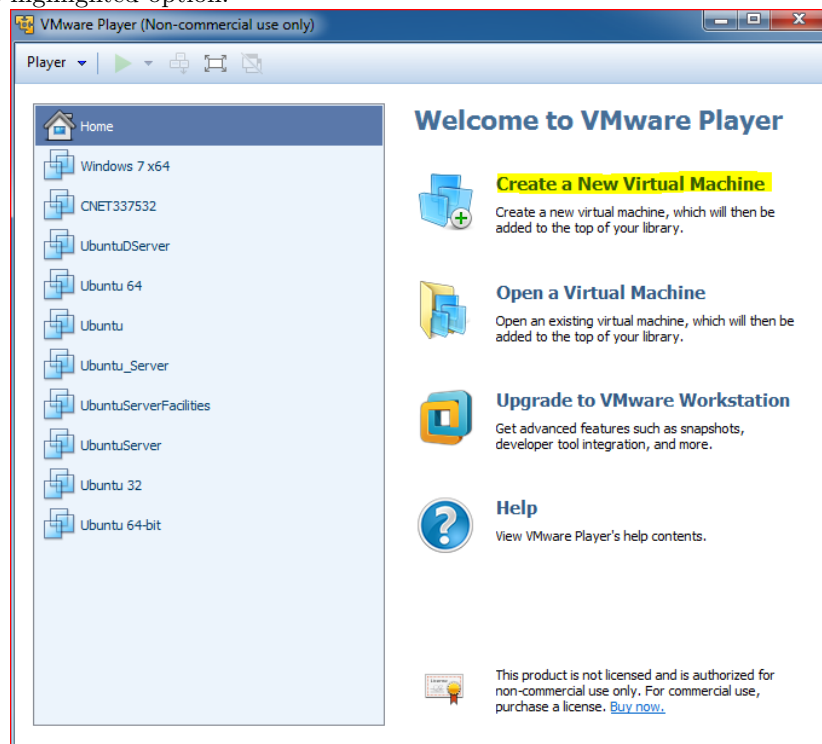


Figure 3.2: Use your installation media here. I have chosen to use a .iso image file, if you have an installation disk choose the other option and insert the disk. Click Next to proceed.

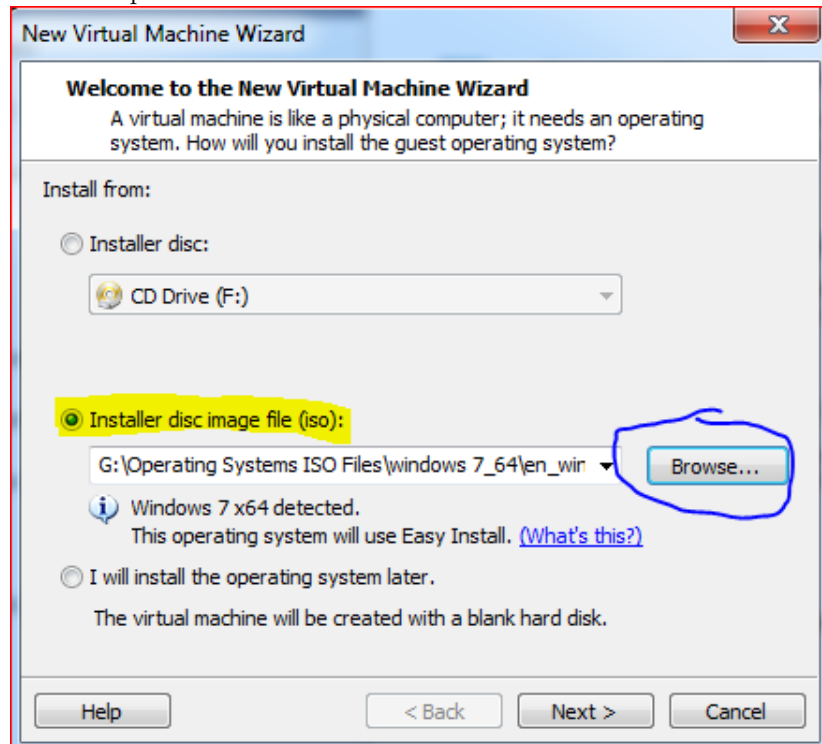




Figure 3.3: A product is not mandatory but however you may need to activate your product later. Choose the correct OS version accordingly. Click Next to proceed.

The screenshot shows a Windows-style dialog box titled "New Virtual Machine Wizard". The main content area is titled "Easy Install Information" with a subtitle "This is used to install Windows 7 x64." Below this, there are several input fields and a dropdown menu. The "Windows product key" field is empty, with a placeholder showing four dashes. The "Version of Windows to install" dropdown menu is open, showing "Windows 7 Professional N" selected. The "Personalize Windows" section includes a "Full name:" field with "Your Name Here", a "Password:" field, and a "Confirm:" field. The "Password:" field is marked as "(optional)". There is a checkbox for "Log on automatically (requires a password)" which is currently unchecked. At the bottom, there are four buttons: "Help", "< Back", "Next >", and "Cancel". The "Next >" button is highlighted in blue.

**New Virtual Machine Wizard**

**Easy Install Information**  
This is used to install Windows 7 x64.

Windows product key  
- - - -

Version of Windows to install  
Windows 7 Professional N

Personalize Windows

Full name: Your Name Here

Password: (optional)

Confirm:

☐ Log on automatically (requires a password)

Help < Back Next > Cancel

Figure 3.4: Proceed with installation without a product key.

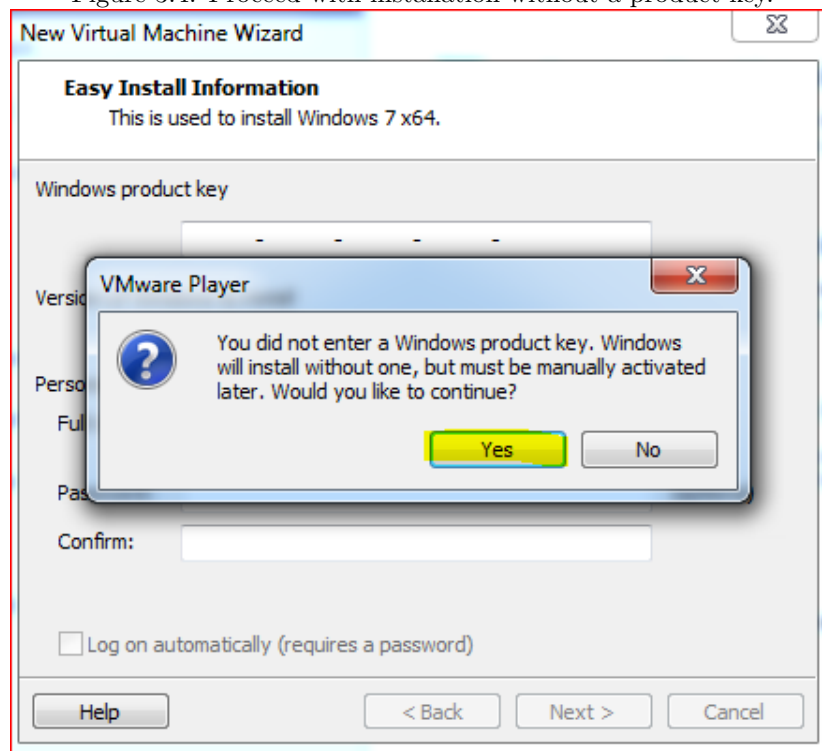


Figure 3.5: Give your virtual machine a name. Also you may change the working directory. That is where this VM is going to be installed. Click Next to proceed.

The screenshot shows a Windows-style dialog box titled "New Virtual Machine Wizard" with a close button (X) in the top right corner. The main heading is "Name the Virtual Machine" with the instruction "What name would you like to use for this virtual machine?". Below this, there are two input fields. The first is labeled "Virtual machine name:" and contains the text "Windows 7 x64 (Or Change the name as you want)". The second is labeled "Location:" and contains the path "C:\Users\Instructors\Documents\Virtual Machines\Windows 7 x64". To the right of the "Location:" field is a "Browse..." button. At the bottom of the dialog, there are three buttons: "< Back", "Next >", and "Cancel". The "Next >" button is highlighted with a yellow background.

New Virtual Machine Wizard

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

Virtual machine name:  
Windows 7 x64 (Or Change the name as you want)

Location:  
C:\Users\Instructors\Documents\Virtual Machines\Windows 7 x64

Browse...

< Back   Next >   Cancel

Figure 3.6: Recommended size for Windows 7 is 60 GB. However you may reduce/increase this size but plan ahead before you do it. You may need to change the size according to the softwares that you are going to install and etc.

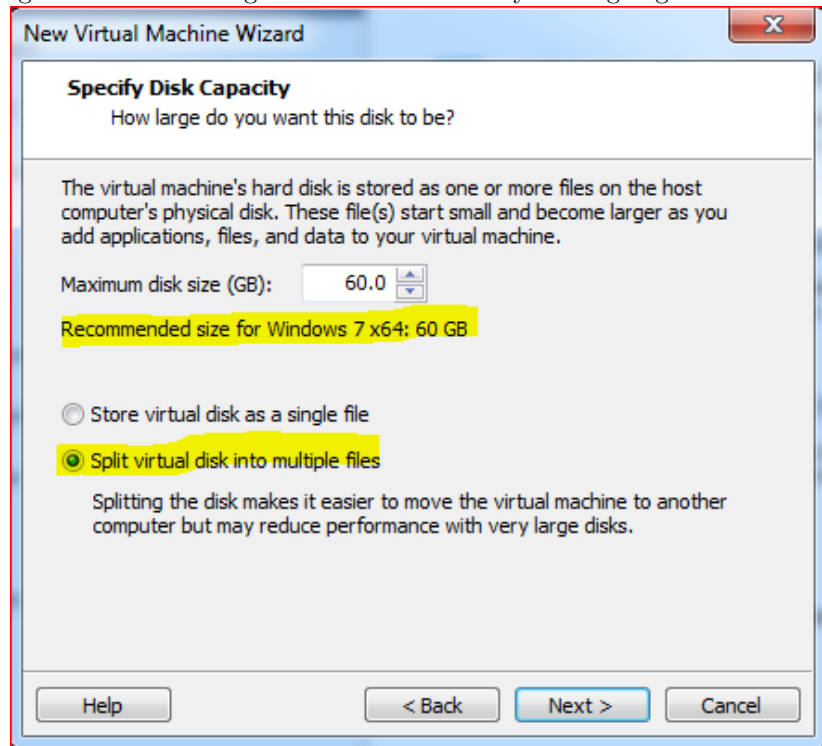


Figure 3.7: An overview of what you did so far. Now you have to configure the system for guest OS. Proceed to customization.

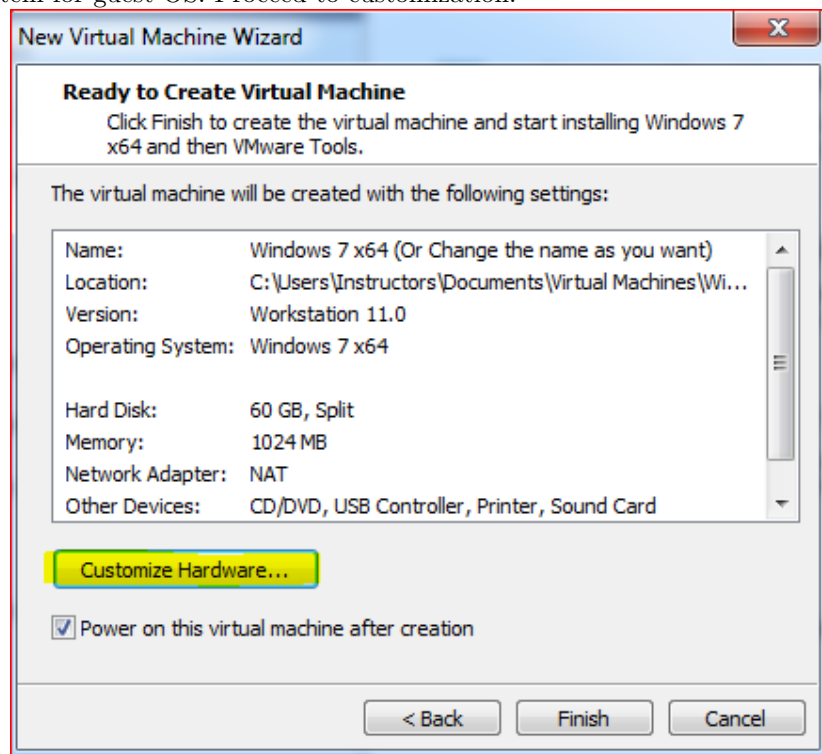


Figure 3.8: Most importantly you have to set the RAM size for your new VM. Again do it according to your requirements. Always remember that you have another OS running in background while using the VM and your system specs are different from one another. Therefore I'd suggest 2 GB of RAM. You may increase this according to the requirement and depending on your host specs.

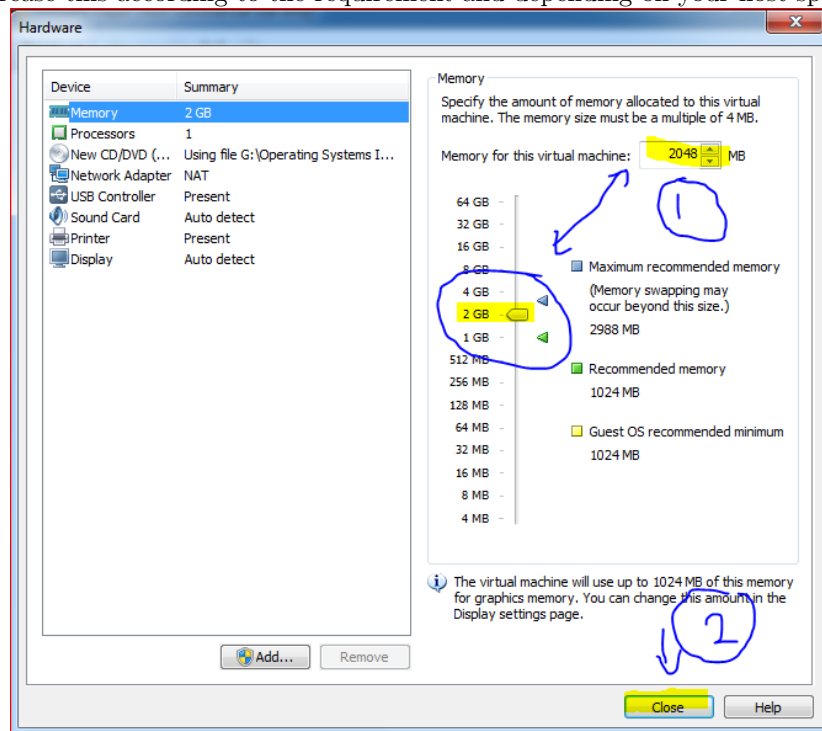


Figure 3.9: Carefully check the system specs again and click Finish.

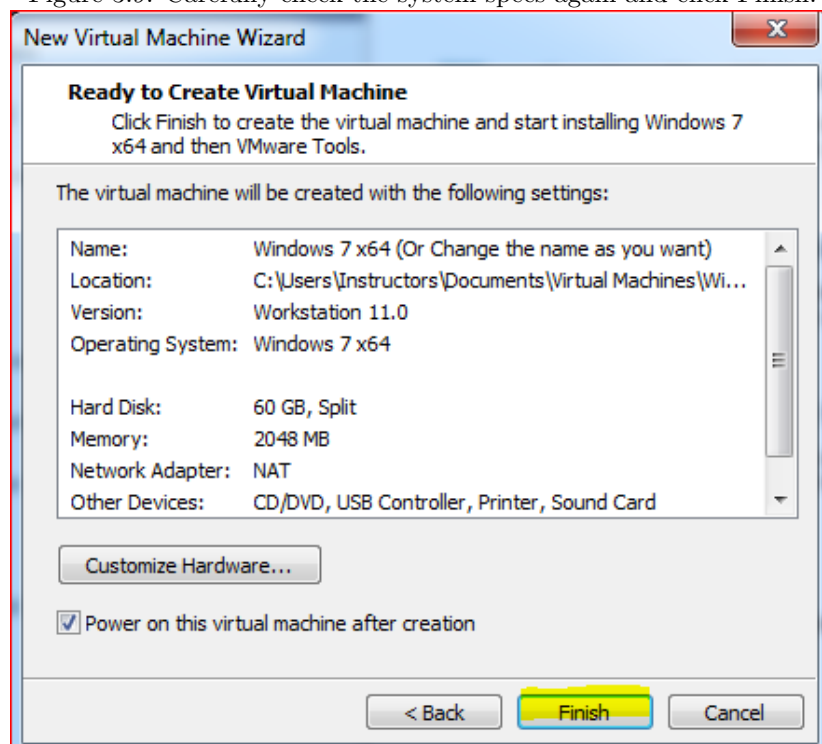
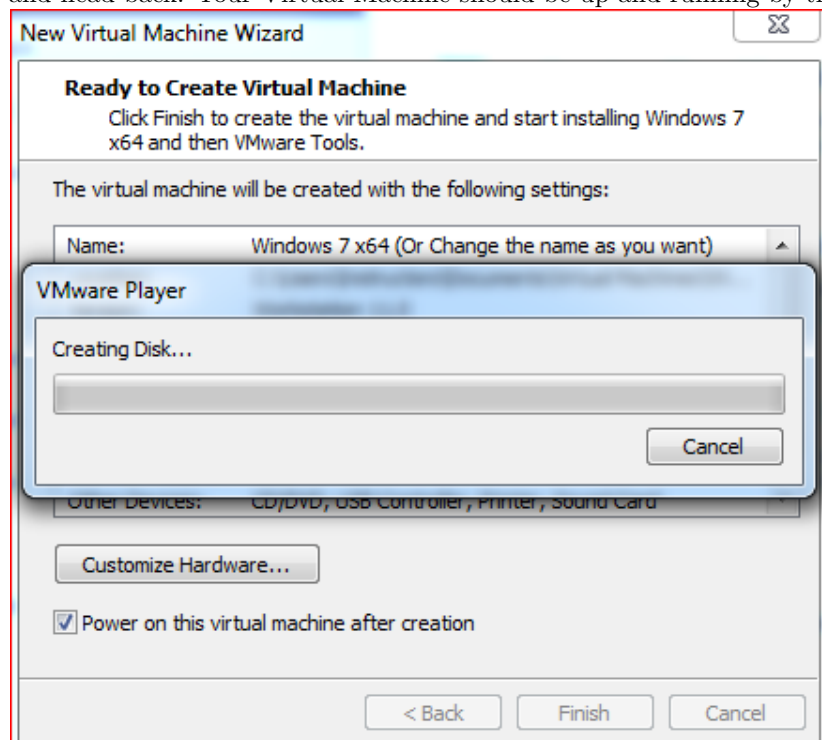


Figure 3.10: Congratulations! You have a Virtual Machine! Have a coffee or a tea and head back. Your Virtual Machine should be up and running by then.





## Chapter 4

# Finalizing

### 4.1 Next Steps

Once you create a VM you can use it as using an another computer. You may install any software into that VM. Or you can run multiple VMs at once. Hope that everything worked well for you. We may use VM to install and practice MSSQL, Matlab etc.