Computer Fundamentals

Lab Work

Semester - 1st

Academic Year 2020 - 2024

Lab Sheet 1

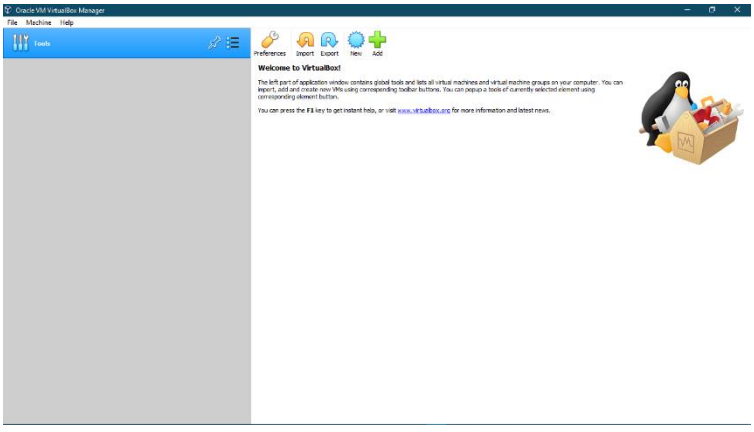
Installation of Windows/Linux OS in Virtual Box

Objective: The objective of this assignment is to learn how to install windows 10 or any other operating system (OS) in Virtualbox.

Outline: Installing an operating system can be hard. So, virtualbox presents us an opportunity to learn how to install an OS in your computer.

Procedure: First, you must install the latest version of Virtualbox. After installing Virtualbox, click new, enter a name and select linux as the type and select Ubuntu. Create a new virtual hard disk and install Ubuntu. While installing make sure to set the size of RAM and hard disk. Make sure you download an (.iso) file from the internet and place in the storage section in the settings. Then you can start the installation of the OS.

Screenshot: The screenshots are given below. This is the pictorial representation of how to install ubuntu or any other operating system in virtualbox. I hope this helps.



Oracle VM VirtualBox Manager
File Machine Help
Tools
Preferences Import Export New Add
Welcome to VirtualBox!
The left part of application window contains global tools and lists all virtual machines and virtual machine groups on your computer. You can import, add and create new VMs using corresponding toolbar buttons. You can popup a tools of currently selected element using corresponding element button.
You can press the F1 key to get instant help, or visit www.virtualbox.org for more information and latest news.
Create Virtual Machine
Memory size
Select the amount of memory (RAM) in megabytes to be allocated to the virtual machine.
The recommended memory size is 1024 MB.
Next
Cancel

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Create Virtual Hard Disk
File location and size
Please type the name of the new virtual hard disk file into the box below or click on the folder icon to select a different folder to create the file in.
Create
Cancel

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Tools
Preferences Import Export New Add
Welcome to VirtualBox!
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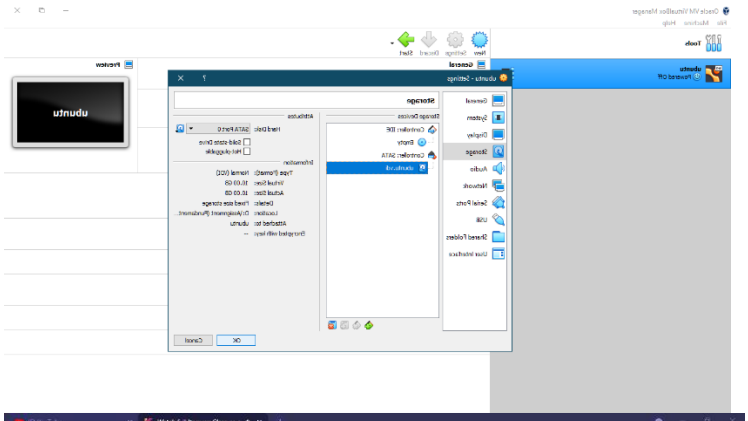
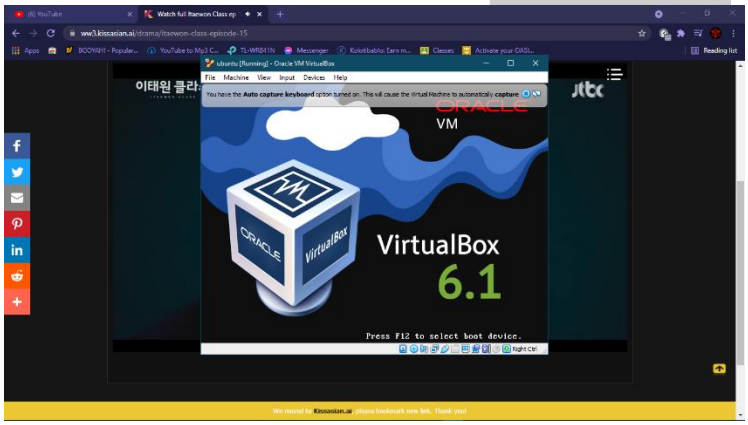
You can press the F1 key to get instant help, or visit www.virtualbox.org for more information and latest news.
Create Virtual Hard Disk
File location and size
Please type the name of the new virtual hard disk file into the box below or click on the folder icon to select a different folder to create the file in.
Create
Cancel
Creating fixed medium storage unit 'D:\Assignment Pics\ubuntu\ubuntu.vdi'...
2 minutes, 38 seconds remaining

Oracle VM VirtualBox Manager
File Machine Help
Tools
ubuntu
Powered Off
New Settings Discard Start
General
Name: ubuntu
Operating System: Ubuntu (64-bit)
System
Base Memory: 1024 MB
Boot Order: Floppy, Optical, Hard Disk
Acceleration: VT-x/AMD-V, Nested Paging, KVM Paravirtualization
Display
Video Memory: 16 MB
Graphics Controller: VMSVGA
Remote Desktop Server: Disabled
Recording: Disabled
Storage
Controller: IDE
IDE Secondary Device 0: [Optical Drive] Empty
Controller: SATA
SATA Port 0: ubuntu.vdi (Normal, 10.00 GB)
Audio
Host Driver: Windows DirectSound
Controller: ICH AC97
Network
Adapter 1: Intel PRO/1000 MT Desktop (NAT)
USB
USB Controller: OHCI
Device Filters: 0 (0 active)
Shared folders
None
Description
None
Preview
ubuntu





Result: Well, mine ended up with a failure saying, “Something went wrong bootable medium not found.” I will do some research on the error and see where I when wrong.

Lab report by

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