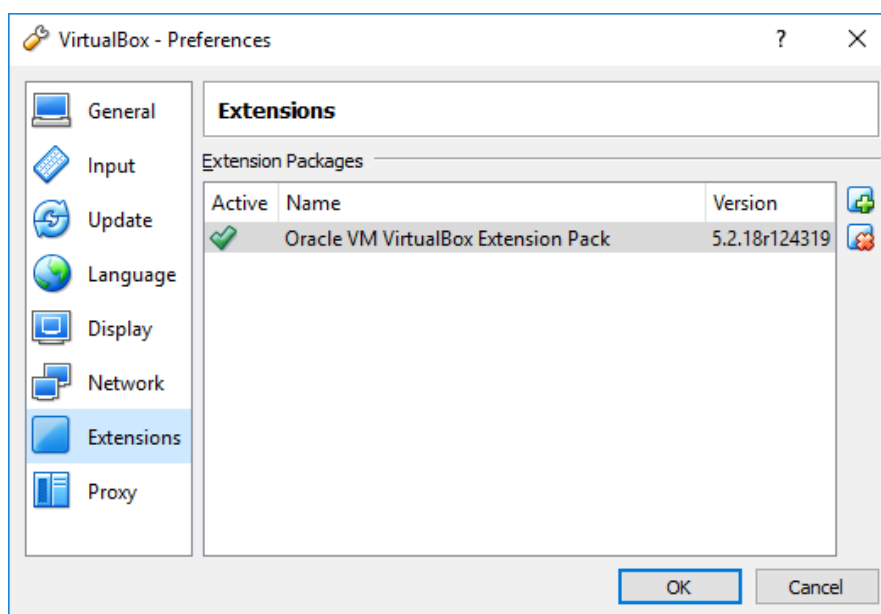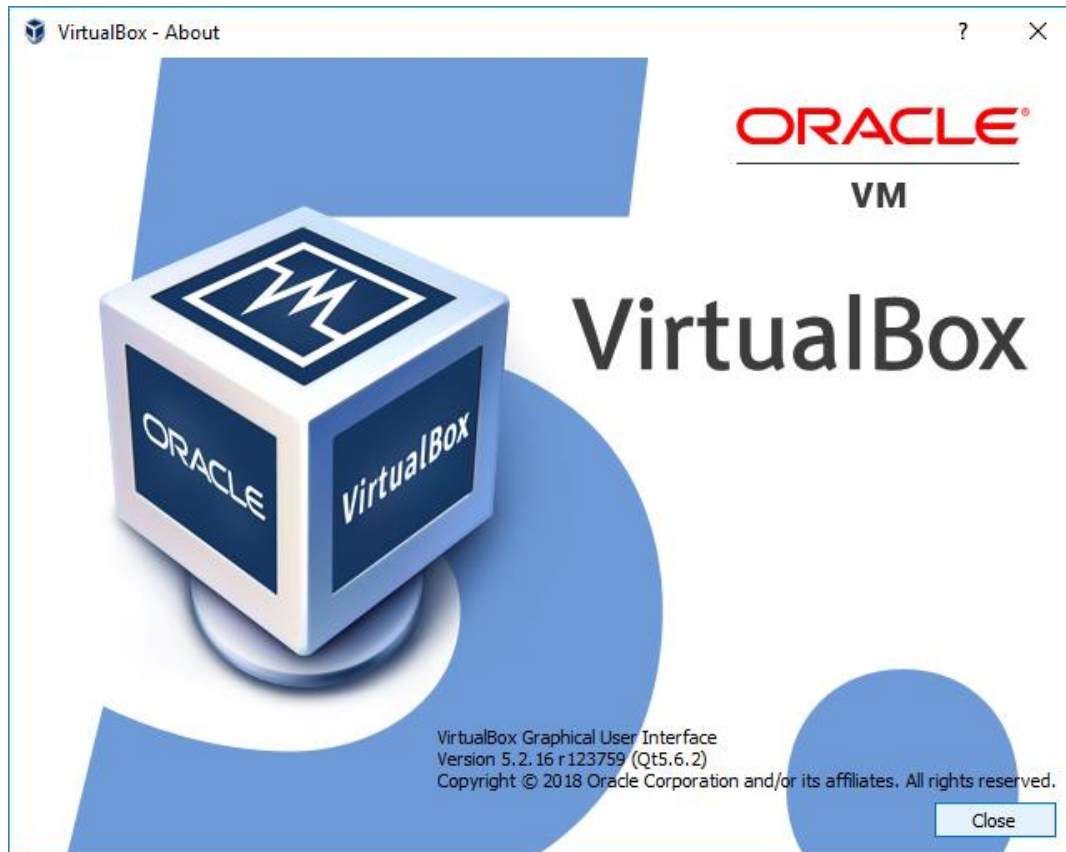# Experiment 1: Installation of Ubuntu 16.04.6-desktop-amd64 OS in VirtualBox

Software used:

1. VirtualBox 5.2.16 With Extension Pack

2. ubuntu-16.04.6-desktop-amd64.iso file

Create Virtual Machine

Name and operating system

Please choose a descriptive name for the new virtual machine and select the type of operating system you intend to install on it. The name you choose will be used throughout VirtualBox to identify this machine.

Name: Ubuntu16

Type: Linux

Version: Ubuntu (64-bit)

Expert Mode   Next   Cancel
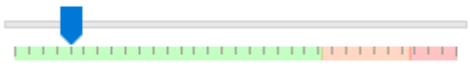
Create Virtual Machine

Memory size

Select the amount of memory (RAM) in megabytes to be allocated to the virtual machine.

The recommended memory size is **1024** MB.

2048 MB

4 MB   16384 MB

Next   Cancel
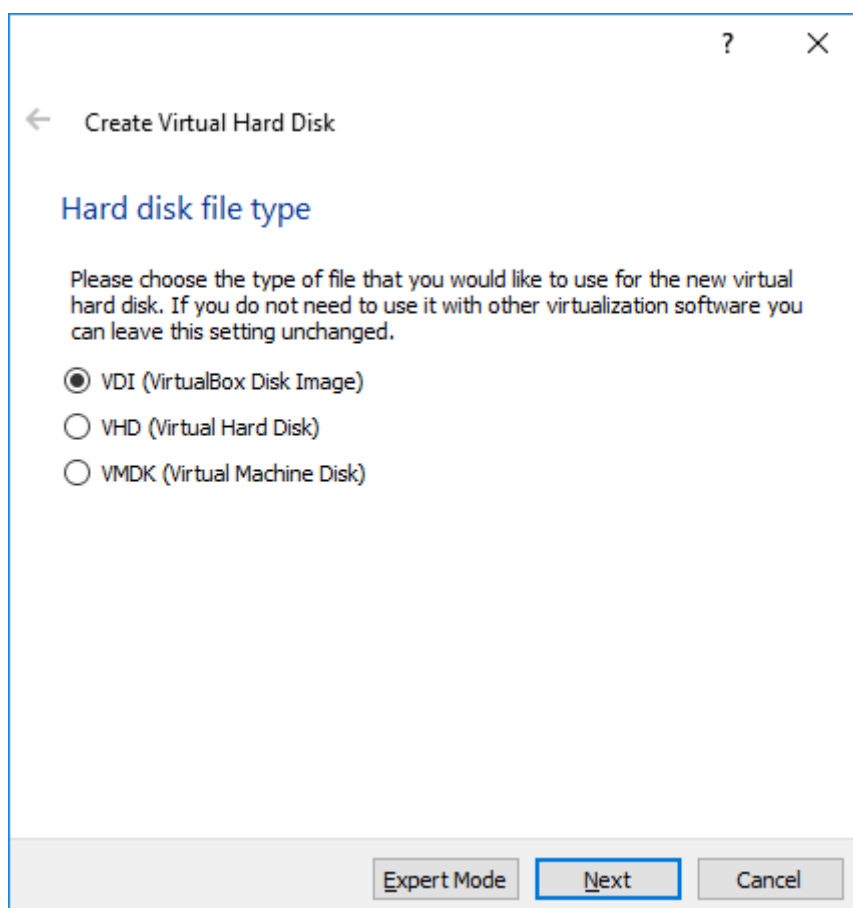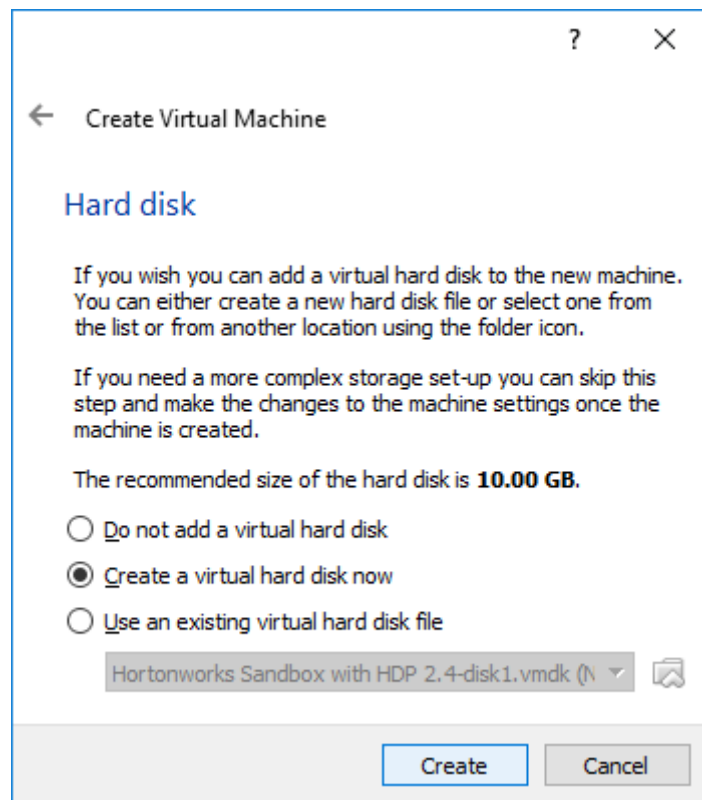
Create Virtual Hard Disk

Storage on physical hard disk

Please choose whether the new virtual hard disk file should grow as it is used (dynamically allocated) or if it should be created at its maximum size (fixed size).

A **dynamically allocated** hard disk file will only use space on your physical hard disk as it fills up (up to a maximum **fixed size**), although it will not shrink again automatically when space on it is freed.

A **fixed size** hard disk file may take longer to create on some systems but is often faster to use.

⦿ Dynamically allocated

◯ Fixed size

Next   Cancel

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.

Ubuntu16

Select the size of the virtual hard disk in megabytes. This size is the limit on the amount of file data that a virtual machine will be able to store on the hard disk.

10.00 GB

4.00 MB   2.00 TB

Create   Cancel

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.

C:\Users\Administrator\VirtualBox VMs\Ubuntu16\Ubuntu16.vdi

Select the size of the virtual hard disk in megabytes. This size is the limit on the amount of file data that a virtual machine will be able to store on the hard disk.

40.00 GB

4.00 MB   2.00 TB

Create   Cancel

Select start-up disk

Please select a virtual optical disk file or a physical optical drive containing a disk to start your new virtual machine from.

The disk should be suitable for starting a computer from and should contain the operating system you wish to install on the virtual machine if you want to do that now. The disk will be ejected from the virtual drive automatically next time you switch the virtual machine off, but you can also do this yourself if needed using the Devices menu.

ubuntu-16.04.6-desktop-amd64.iso (1.55 GB)

Start   Cancel

Welcome

English
Español
Esperanto
Euskara
Français
Gaeilge
Galego
Hrvatski
Íslenska
Italiano
Kurdî
Latviski
Lietuviškai
Magyar
Nederlands
Norsk bokmål
Norsk nynorsk
Polski
Português

Try Ubuntu

Install Ubuntu

You can try Ubuntu without making any changes to your computer, directly from this CD.

Or if you're ready, you can install Ubuntu alongside (or instead of) your current operating system. This shouldn't take too long.

You may wish to read the release notes.

Installation type

This computer currently has no detected operating systems. What would you like to do?

○ **Erase disk and install Ubuntu**
Warning: This will delete all your programs, documents, photos, music, and any other files in all operating systems.

☐ **Encrypt the new Ubuntu installation for security**
You will choose a security key in the next step.

☐ **Use LVM with the new Ubuntu installation**
This will set up Logical Volume Management. It allows taking snapshots and easier partition resizing.

○ **Something else**
You can create or resize partitions yourself, or choose multiple partitions for Ubuntu.

Quit   Back   Install Now

Installation type

Install (as superuser)

This computer currently has no detected operating systems. What would you like to do?

◉ Erase disk and install Ubuntu
Warning: This will delete all your programs, documents, photos, music, and any other files in all operating systems.

⊗ Write the changes to disks?

If you continue, the changes listed below will be written to the disks. Otherwise, you will be able to make further changes manually.

The partition tables of the following devices are changed:
SCSI3 (0,0,0) (sda)

The following partitions are going to be formatted:
partition #1 of SCSI3 (0,0,0) (sda) as ext4
partition #5 of SCSI3 (0,0,0) (sda) as swap

[Go Back]   [Continue]

Back   Install Now

● ● ● ● ○ ○ ○

Where are you?

Install (as superuser)

Kolkata

[Back]   [Continue]

● ● ● ● ● ○ ○

Keyboard layout

Choose your keyboard layout:

English (Ghana)	English (US)
English (Nigeria)	English (US) - Cherokee
English (South Africa)	English (US) - English (Colemak)
English (UK)	English (US) - English (Dvorak alternative international no dead keys)
English (US)	English (US) - English (Dvorak)
Esperanto	English (US) - English (Dvorak, international with dead keys)
Estonian	English (US) - English (Macintosh)
Faroese	English (US) - English (Programmer Dvorak)
Filipino	English (US) - English (US, alternative international)

Type here to test your keyboard

Detect Keyboard Layout

Back   Continue

Who are you?

Your name: TYBSCCS

Your computer's name: tcsc01
The name it uses when it talks to other computers.

Pick a username: tybsccs

Choose a password: ●●●●●●●   Weak password

Confirm your password: ●●●●●●●

○ Log in automatically
● Require my password to log in
☐ Encrypt my home folder

Back   Continue

Welcome to Ubuntu

Fast and full of new features, the latest version of Ubuntu makes computing easier than ever. Here are just a few cool new things to look out for...

Copying files...   Skip