Experiment1.1

Student Name: Manish Singh Barolia **UID: 21BCS512**
Branch: CSE **Section/Group: 601-A**
Semester: 6th **Date of Performance: 20-01-24**
Subject Name: Cloud Computing **Subject Code: 21CSP-378**

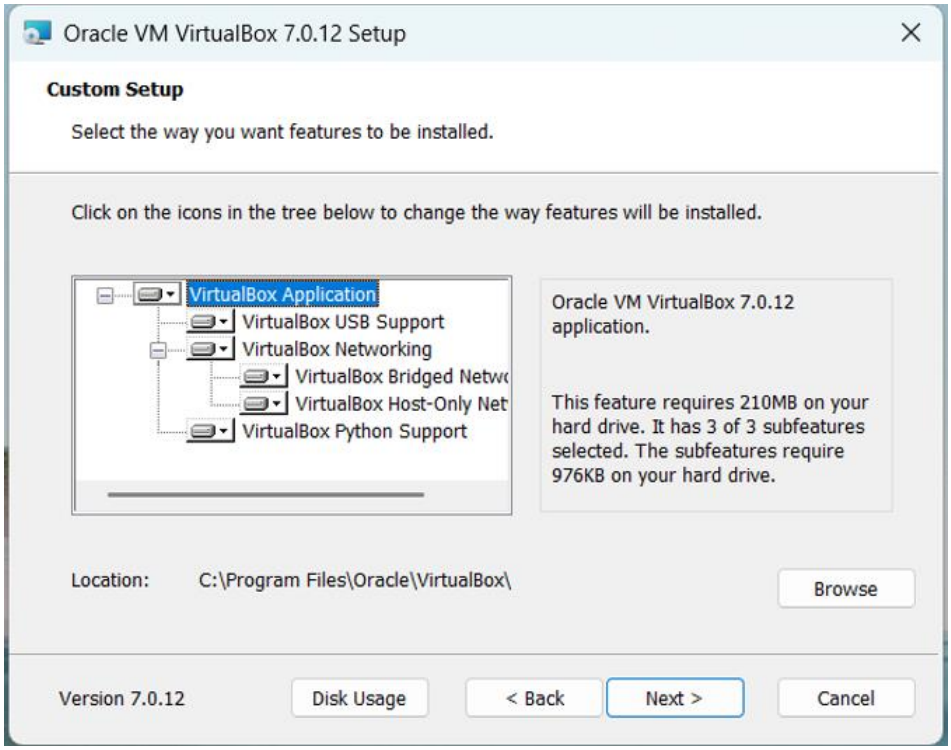
1. **Aim:** Installation of VirtualBox or VMware workstation on a Windows 7 or 8 OS and set up various Flavors of Linux or Windows as virtual machines.

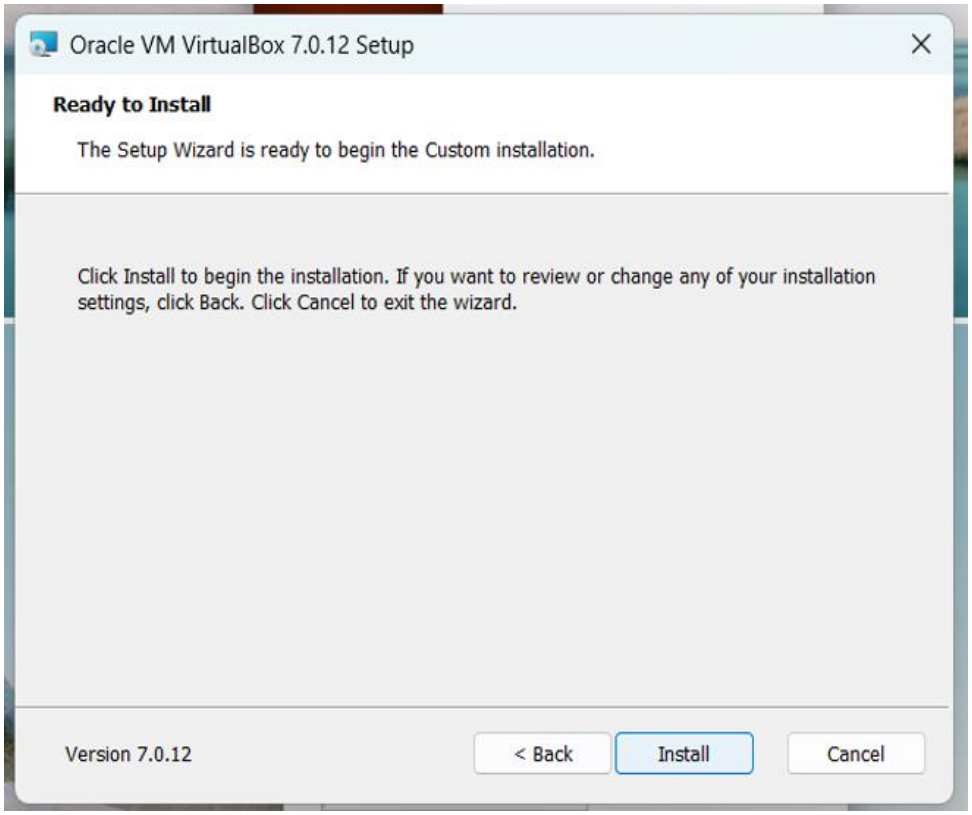
2. **Objective:** The objective of this experiment is to install the VirtualBox on our OS for future experiment.

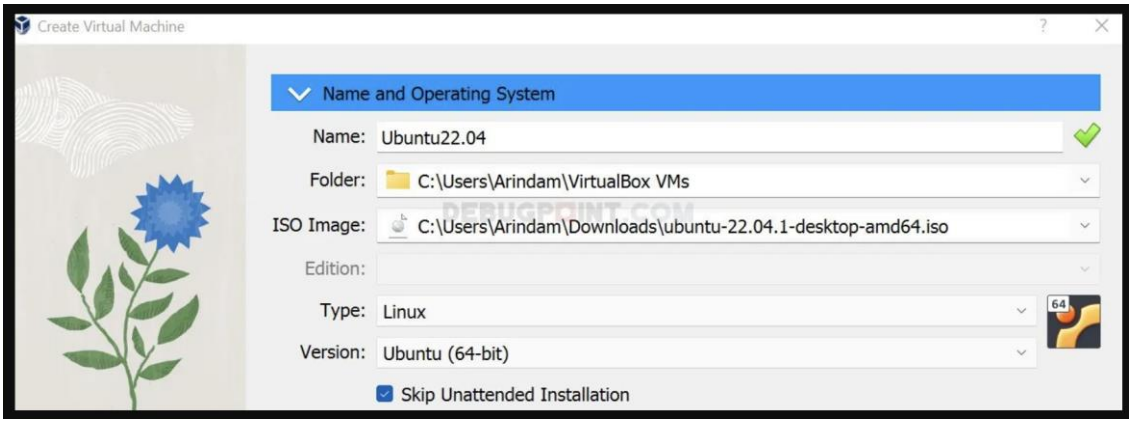
3. **Software Requirements:** VMware workstation or VirtualBox Application software to create a virtual machine

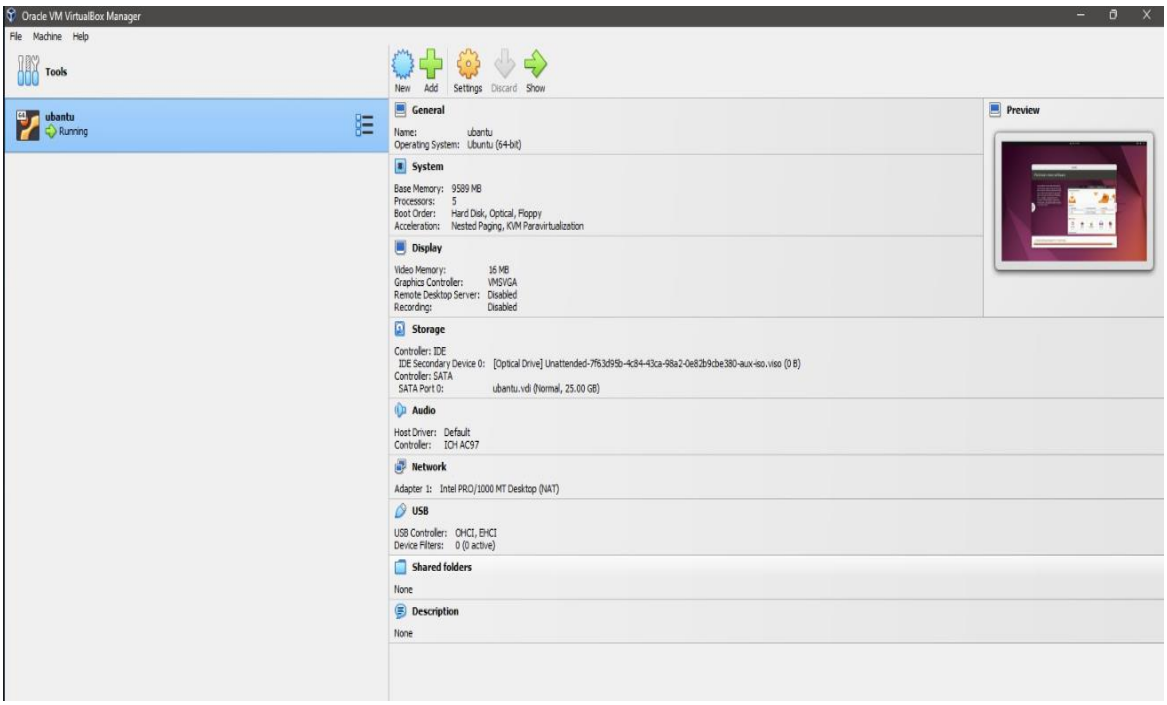
4. **Description:**

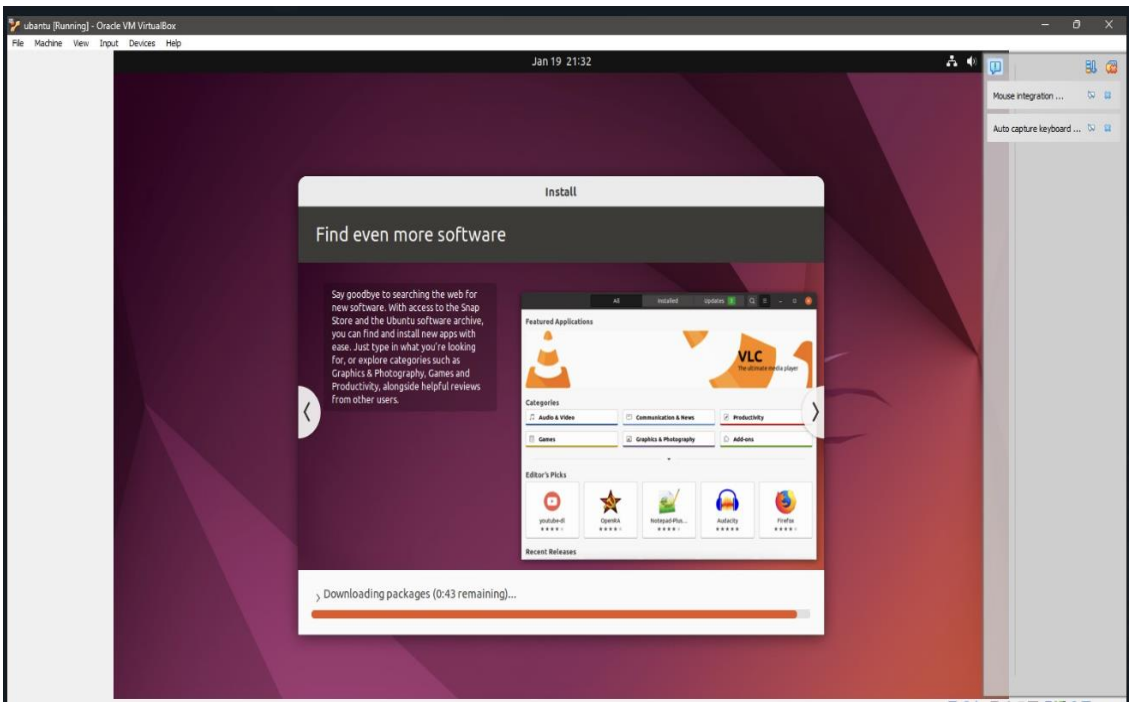
Oracle VM VirtualBox 7.0.12 Setup
Welcome to the Oracle VM VirtualBox 7.0.12 Setup Wizard
The Setup Wizard will install Oracle VM VirtualBox 7.0.12 on your computer. Click Next to continue or Cancel to exit the Setup Wizard.
Version 7.0.12
Next >
Cancel

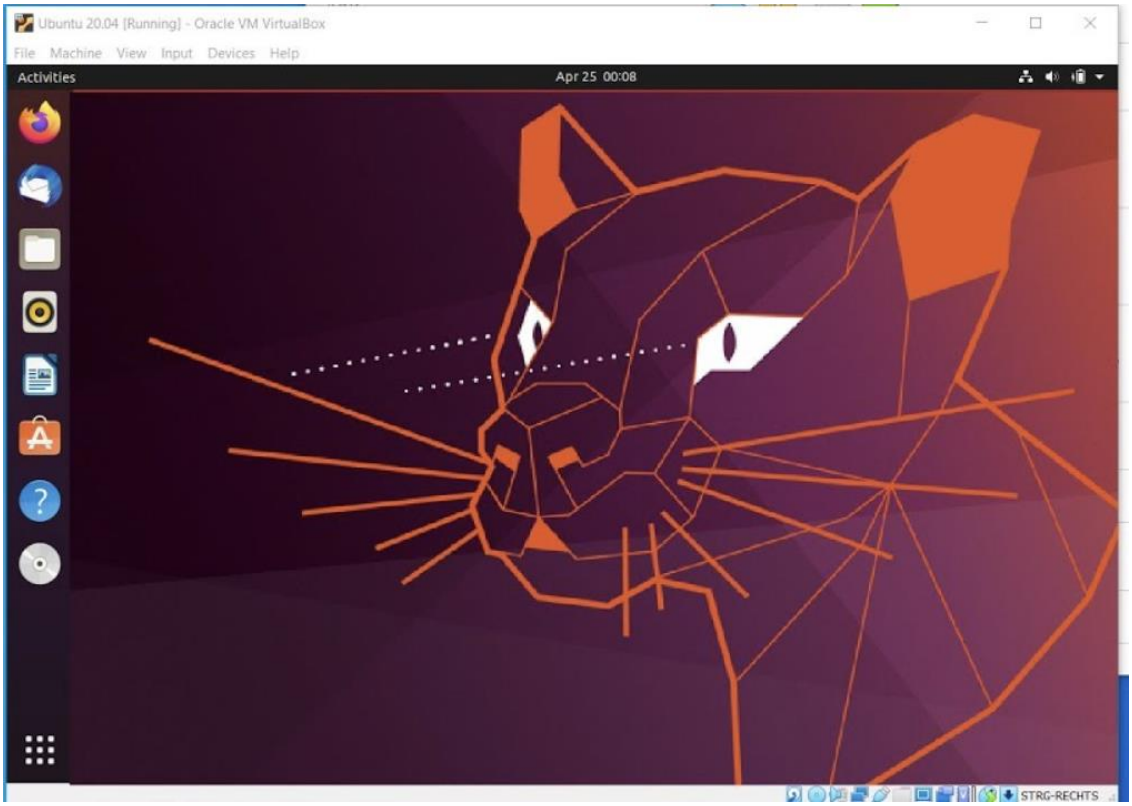

Oracle VM VirtualBox 7.0.12 Setup
Custom Setup
Select the way you want features to be installed.
Click on the icons in the tree below to change the way features will be installed.
VirtualBox Application
VirtualBox USB Support
VirtualBox Networking
VirtualBox Bridged Netwo
VirtualBox Host-Only Net
VirtualBox Python Support
Oracle VM VirtualBox 7.0.12 application.
This feature requires 210MB on your hard drive. It has 3 of 3 subfeatures selected. The subfeatures require 976KB on your hard drive.
Location:
C:\Program Files\Oracle\VirtualBox\
Browse
Version 7.0.12
Disk Usage
< Back
Next >
Cancel


Oracle VM VirtualBox 7.0.12 Setup
Ready to Install
The Setup Wizard is ready to begin the Custom installation.
Click Install to begin the installation. If you want to review or change any of your installation settings, click Back. Click Cancel to exit the wizard.
Version 7.0.12
< Back
Install
Cancel


Create Virtual Machine
Name and Operating System
Name: Ubuntu22.04
Folder: C:\Users\Arindam\VirtualBox VMs
ISO Image: C:\Users\Arindam\Downloads\ubuntu-22.04.1-desktop-amd64.iso
Edition:
Type: Linux
Version: Ubuntu (64-bit)
Skip Unattended Installation


Oracle VM VirtualBox Manager
File Machine Help
Tools
ubantu
Running
New Add Settings Discard Show
General
Name: ubantu
Operating System: Ubuntu (64-bit)
System
Base Memory: 9589 MB
Processors: 5
Boot Order: Hard Disk, Optical, Floppy
Acceleration: 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] Unattended-7f63d95b-4c84-43ca-98a2-0e82b9cbe380-aux-iso.viso (0 B)
Controller: SATA
SATA Port 0: ubantu.vdi (Normal, 25.00 GB)
Audio
Host Driver: Default
Controller: ICH AC97
Network
Adapter 1: Intel PRO/1000 MT Desktop (NAT)
USB
USB Controller: OHCI, EHCI
Device Filters: 0 (0 active)
Shared folders
None
Description
None
Preview


ubantu [Running] - Oracle VM VirtualBox
File Machine View Input Devices Help
Jan 19 21:32
Mouse integration ...
Auto capture keyboard ...
Install
Find even more software
Say goodbye to searching the web for new software. With access to the Snap Store and the Ubuntu software archive, you can find and install new apps with ease. Just type in what you're looking for, or explore categories such as Graphics & Photography, Games and Productivity, alongside helpful reviews from other users.
Featured Applications
VLC
Categories
Editor's Picks
Recent Releases
Downloading packages (0:43 remaining)...



Learning Outcome:

- Learn how to install VirtualBox
- Understand how to create Virtual Machines
- Learned to manage and allocate the system resources like RAM, CPU and Disk Space for Virtual Machines.