

NETWORKING & SYSTEM ADMINISTRATION LAB

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Roll No:10

Batch: MCA

Date:22/03/2022

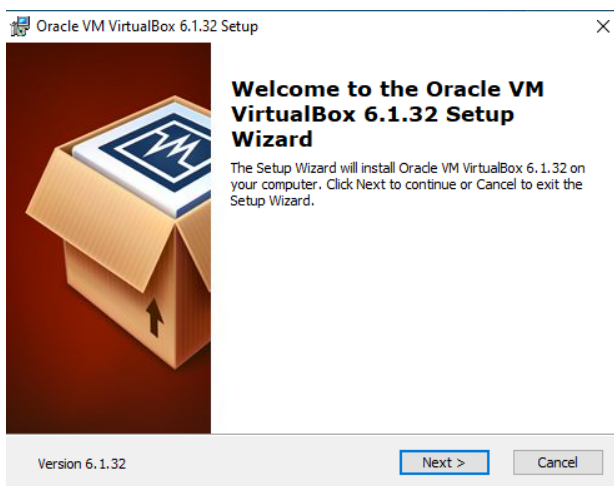
Experiment No.: 1

Aim

Install the latest version of Ubuntu on an Oracle VM VirtualBox.

Procedure

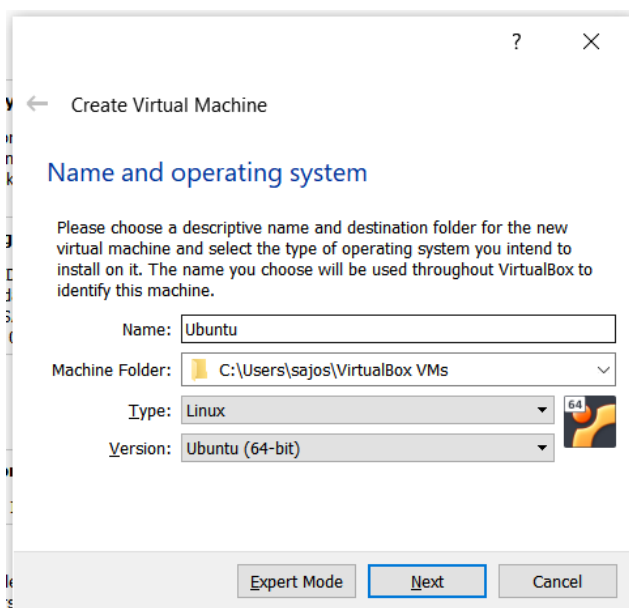
Step 1: Download VirtualBox for Windows and install it on the computer.



Step 2: Download the Ubuntu ISO file you want to install from the Ubuntu download page.

Step 3: Open VirtualBox and select New in the top taskbar.

Step 4: Give VM a name, choose Linux and then choose Ubuntu as the Version and select Next.



Step 5: We want to specify Memory size.

The screenshot shows the 'Create Virtual Machine' dialog box with the 'Memory size' tab selected. The text indicates that the recommended memory size is 1024 MB. A slider bar is visible, ranging from 4 MB to 7168 MB, with a blue marker positioned at 2048 MB. A numeric input field on the right shows '2048 MB'. At the bottom, there are 'Next' and 'Cancel' buttons.

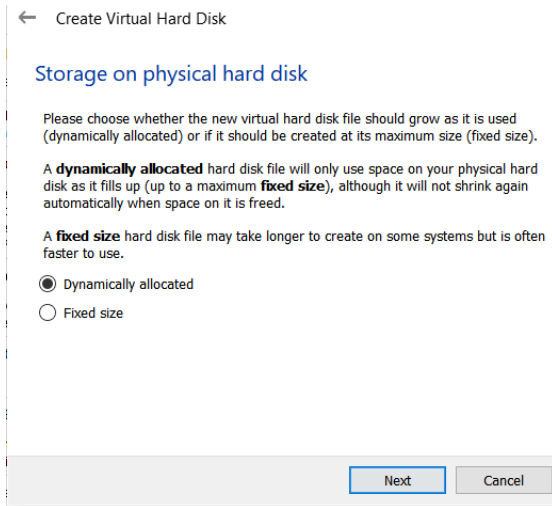
Step 6: Check the "Create a virtual hard disk now" option so we can later define our Ubuntu OS virtual hard disk size.

The screenshot shows the 'Create Virtual Machine' dialog box with the 'Hard disk' tab selected. The text explains that a virtual hard disk can be added to the new machine. It provides instructions on how to create a new hard disk file or select one from a list. The recommended size of the hard disk is 10.00 GB. Three radio button options are present: 'Do not add a virtual hard disk', 'Create a virtual hard disk now' (which is selected), and 'Use an existing virtual hard disk file'. Below the options, a text field shows the file path 'kali-linux-2022.1-virtualbox-amd64-disk001.vdi' with a dropdown menu set to '(Normal, 80.0)'. At the bottom, there are 'Create' and 'Cancel' buttons.

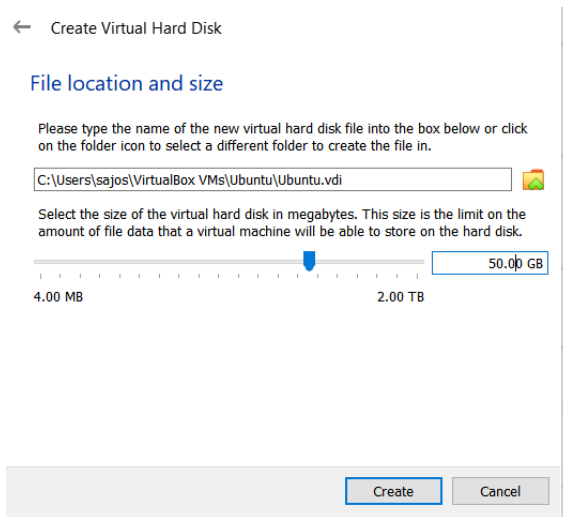
Step 7: Select "VHD (Virtual Hard Disk)".

The screenshot shows the 'Create Virtual Hard Disk' dialog box with the 'Hard disk file type' tab selected. The text asks the user to choose the type of file to use for the new virtual hard disk. Three radio button options are present: 'VDI (VirtualBox Disk Image)' (which is selected), 'VHD (Virtual Hard Disk)', and 'VMDK (Virtual Machine Disk)'. At the bottom, there are 'Expert Mode', 'Next', and 'Cancel' buttons.

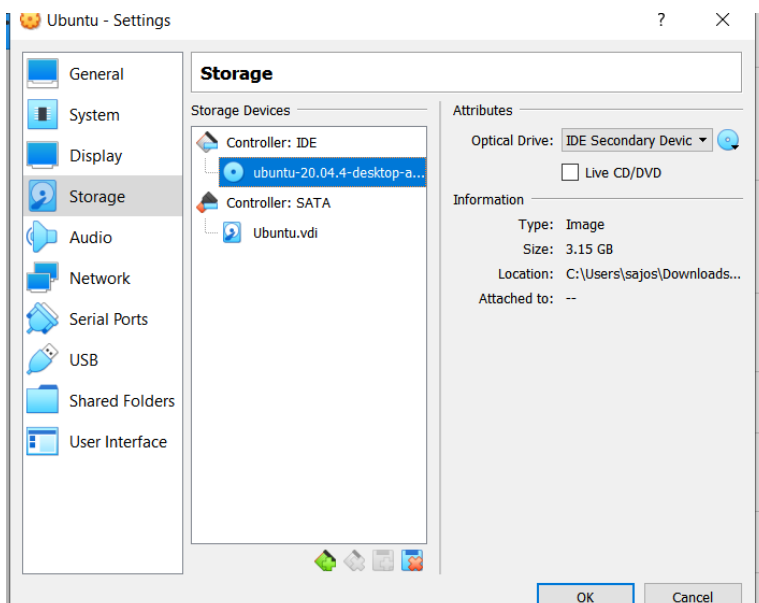
Step 8: Next, we'll dynamically allocate storage on our physical hard disk.



Step 9: We want to specify our Ubuntu OS's size. The recommended size is 10 GB, but you can increase the size if you wish.

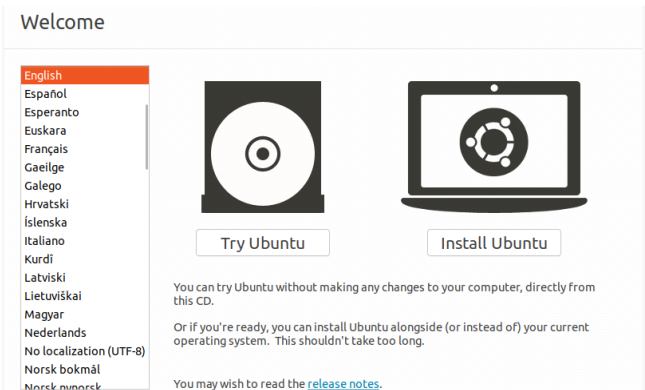


Step 10: Select virtual disk image.

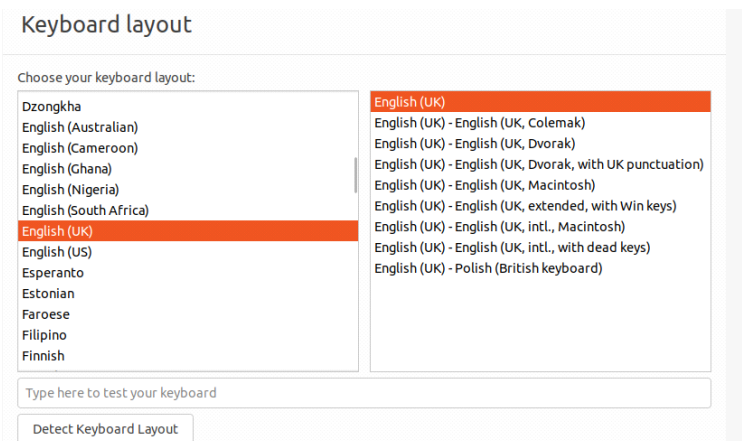


Step 11: The name of your virtual machine will now appear on the left side of the VirtualBox manager. Select Start in the toolbar to launch your VM.

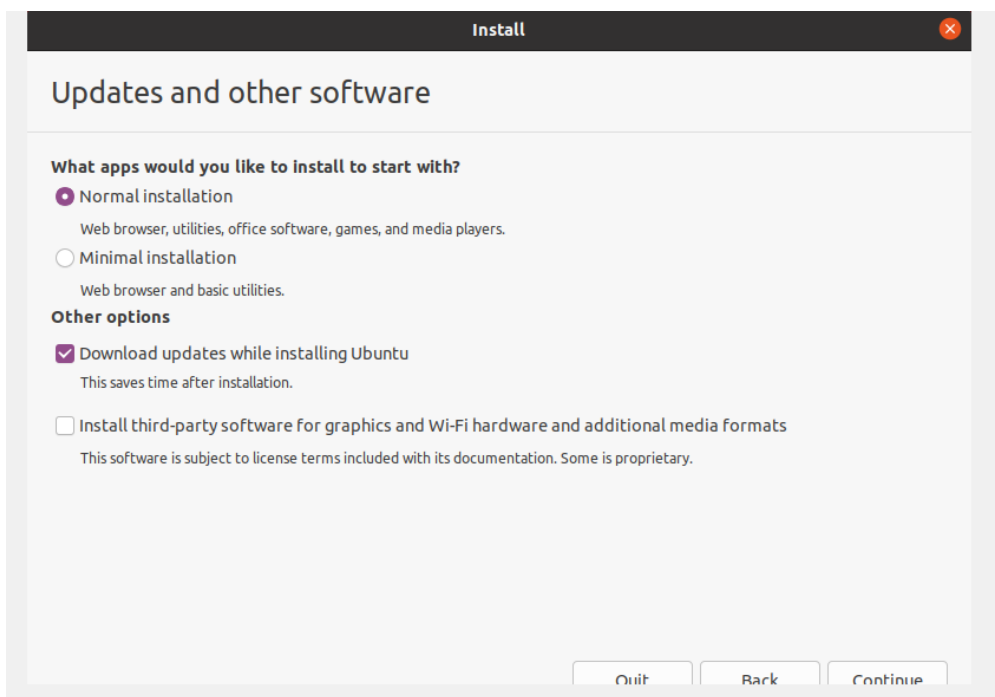
Step 12: Click Install Ubuntu.



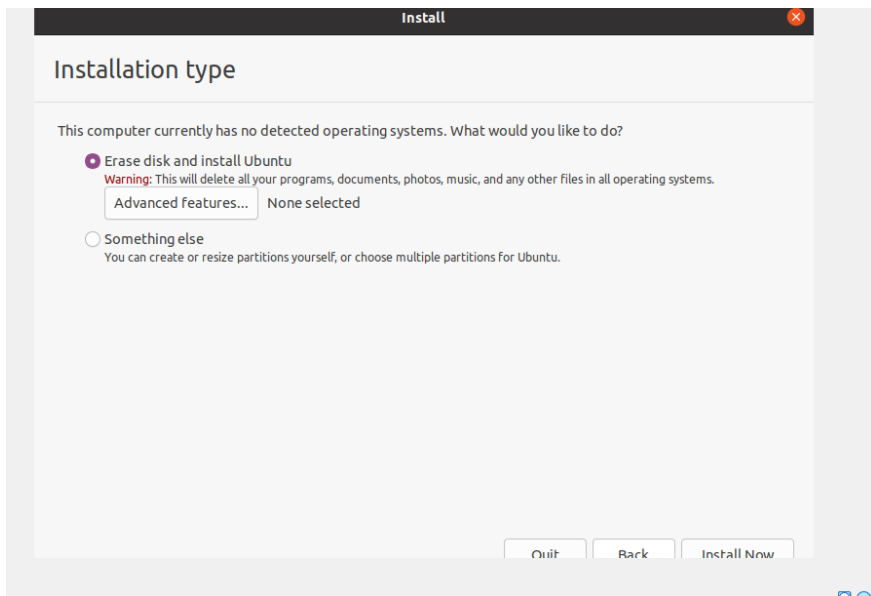
Step 13: Select your keyboard layout.



Step 14: In the "Updates and other software" section, check "Normal installation" and continue.

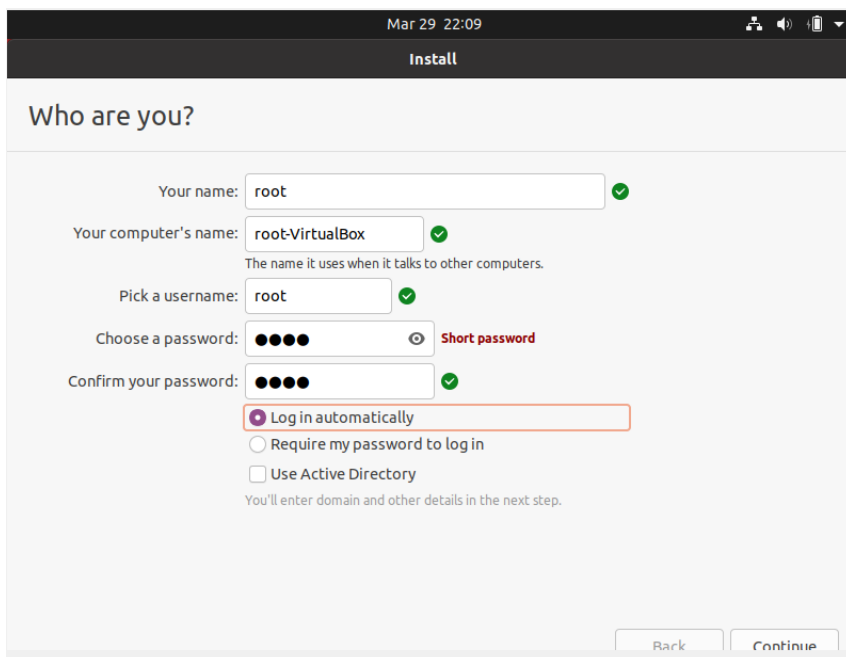


Step 15: Choose Erase disk and install Ubuntu and select Install Now, then select Continue to ignore the warning..



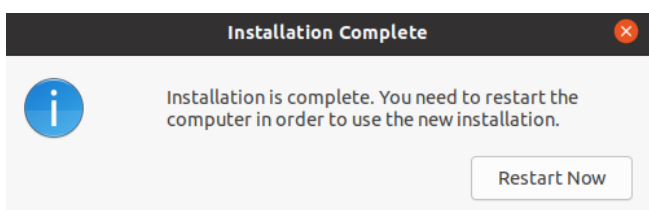
Step 16: Choose your time zone on the map, then select Continue.

Step 17: Set up your user account and select Continue.



Step 18: Installation completed

Step 19: Restart your System



Output Screenshort:

