

**NETWORKING & SYSTEM ADMINISTRATION LAB****Experiment No.: 3****Name: Archa Krishnan L****Roll No: 33****Batch: S2 MCA****Date: 22-03-2022****Aim**

You are given a computer with very low hardware resources, It is to be used as a kiosk. Identify and install a suitable linux distribution. You can simulate it in a virtual environment.

**Procedure****Step-1**

Download the latest version of VirtualBox from <https://www.virtualbox.org/>. Install and run it.

**Step-2**

Click the New button and fill in the Create Virtual Machine form. Pick an appropriate name. Choose a machine folder on your laptop that will contain the virtual machine image. Set a memory size for the virtual machine.

**Step-3**

On the Create Virtual Hard Disk form, specify the maximum size to which Ubuntu's virtual hard disk can grow. Select the VDI (VirtualBox Disk Image).

**Step-4**

Select the name of the newly created virtual machine. Click the Settings icon at the top. Then click on System in the left panel. In the System Settings form, select the Motherboard tab. Click the OK button.

**Step-5**

Click Storage in the left panel. The Storage Settings form shows the virtual CD ROM drive, which is initially empty, and the virtual hard drive, which is the .vdi virtual disk image that VirtualBox created. Select Empty under Controller: IDE.

**Step-6**

You want to install Ubuntu on the virtual machine, so you must “insert” the .iso installation disk image file that you downloaded earlier into the virtual CD ROM drive. Look under Attributes and click on the image of the disk to the right of the dropdown menu. Select the .iso file to insert into the drive. You should now see the .iso file name under Controller: IDE. Click the OK button.

**Step-7**

Now you are ready to start the virtual machine in order to install Ubuntu. To start the Ubuntu virtual machine, highlight it and click the Start button at the top.

**Step-8**

Choose your language and click Install Ubuntu to start the installation process. At various times, you will be asked to make a choice. Except otherwise directed, you should accept the default choices.

**Step-9**

On the Installation type form, accept the choice Erase disk and install Ubuntu. The disk that it will erase is the virtual disk, not your host laptop’s physical disk! Click the Install Now button and the subsequent Continue button.

**Step-10**

Enter appropriate names. The username will also become the name of your home directory in /home. The passwords will become your login passwords.

**Step-11**

Press the Restart Now button.

**Step-12**

Ubuntu will restart and ask you to remove the installation disk from the virtual CD ROM drive. Right-click on the image of the CD ROM at the bottom of the screen and select Remove disk from virtual drive. You may need to press the right control key on your keyboard if the virtual machine has “captured” your mouse. After removing the

disk, click in the Ubuntu window and press the enter key.

## Step-13

After the VirtualBox splash screen and some system startup messages, you will be asked to log in. Click on your name and enter your password.

## Output Screenshot







