

Ex No: 1a)

Date: 25/11/25

INSTALLATION AND CONFIGURATION OF LINUX

Aim:

To install and configure Linux operating system in a Virtual Machine.

Installation/Configuration Steps:

1. Install the required packages for virtualization
dnf install xen virt-manager qemu libvirt

2. Configure xend to start up on boot
systemctl enable virt-manager.service

3. Reboot the machine
Reboot

4. Create Virtual machine by first running virt-manager
virt-manager &

5. Click on File and then click to connect to localhost

6. In the base menu, right click on the localhost(QEMU) to create a new VM 7. Select
Linux ISO image

8. Choose puppy-linux.iso then kernel version

9. Select CPU and RAM limits

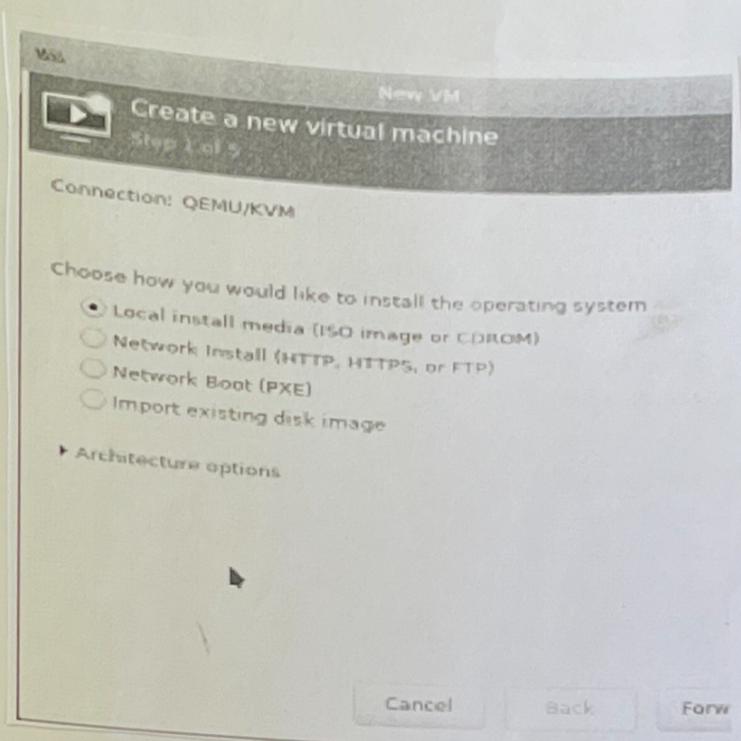
10. Create default disk image to 8 GB

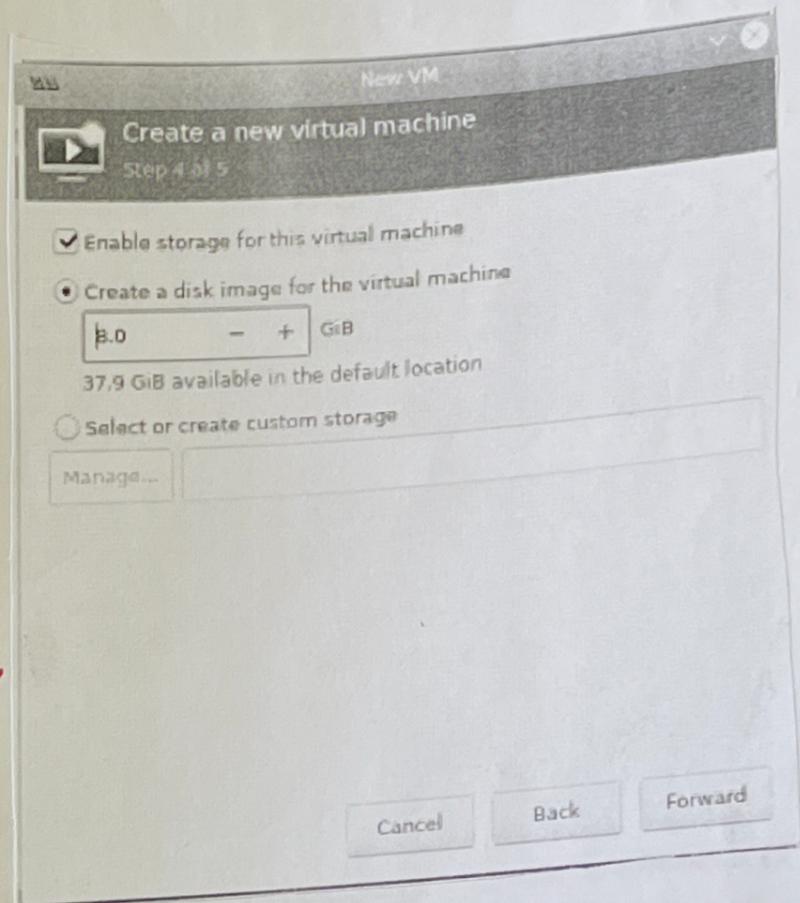
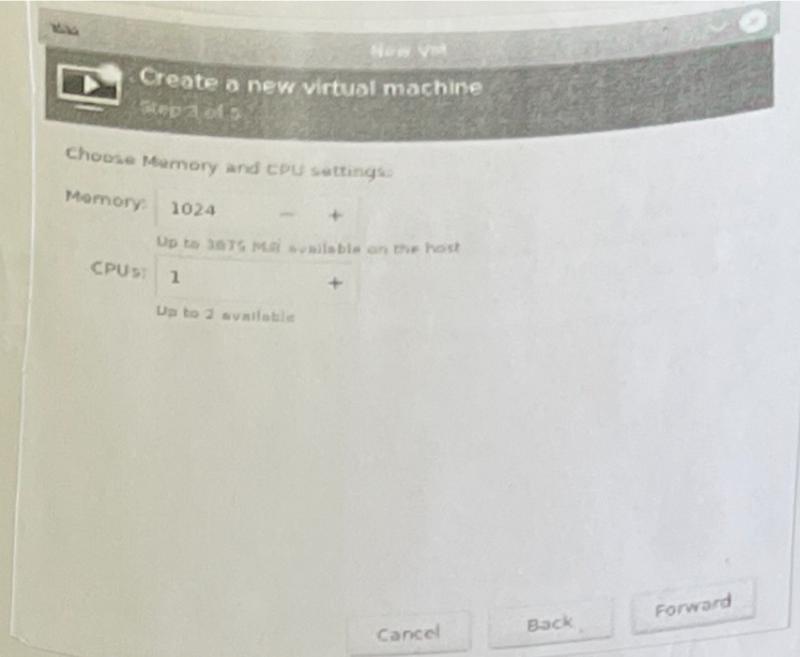
11. Click finish for creating the new VM with PuppyLinux

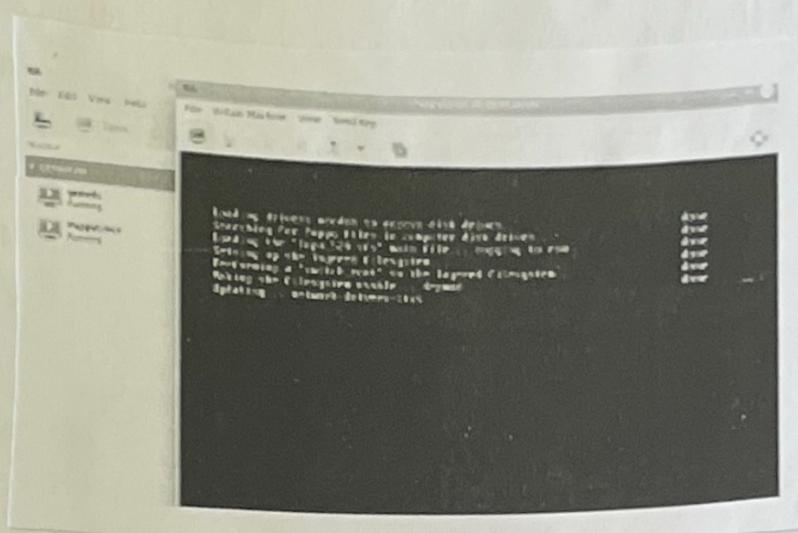


Output:

Installation and configuration of Linux
has been studied and executed







Lab 01
10
day & date
root

/dev + disk
8.8

provt-mob
2.8

H.d + disk
8.0

M.d + disk
5.8

2.9P + disk
1.9

"blow allH" orbs 1.5

blow allH

2.9S mot 1.5 0.8

2.9S present

Result :

Installation and configuration of Linux
has been studied and executed
successfully ,

Q.M.