

Ex No: 1a)

Date: 25/11/25

INSTALLATION AND CONFIGURATION OF LINUX

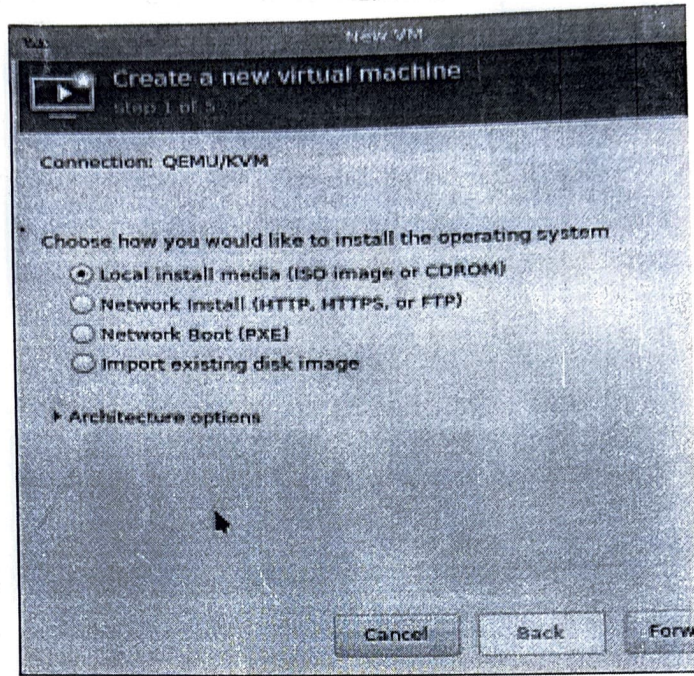
Aim:

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:



New VM

Create a new virtual machine

Step 3 of 5

Choose Memory and CPU settings:

Memory: - +
Up to 3875 MB available on the host

CPU: - +
Up to 2 available

Cancel Back Forward

New VM

Create a new virtual machine

Step 4 of 5

☒ Enable storage for this virtual machine

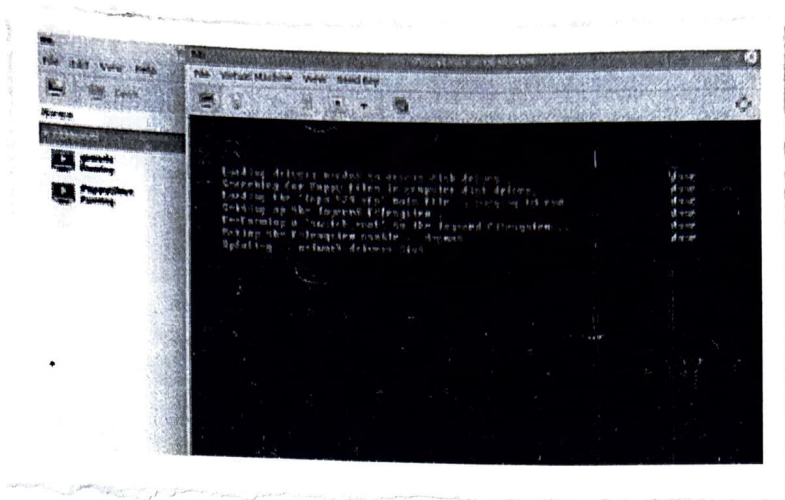
☒ Create a disk image for the virtual machine

- + GiB
37.9 GiB available in the default location

☐ Select or create custom storage

Manage...

Cancel Back Forward



Result :

Hence the installation and configuration of Linux OS has been studied

Signature