

**Ex No: 1a)**

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**Date: 23/01/25**

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## **INSTALLATION AND CONFIGURATION OF LINUX**

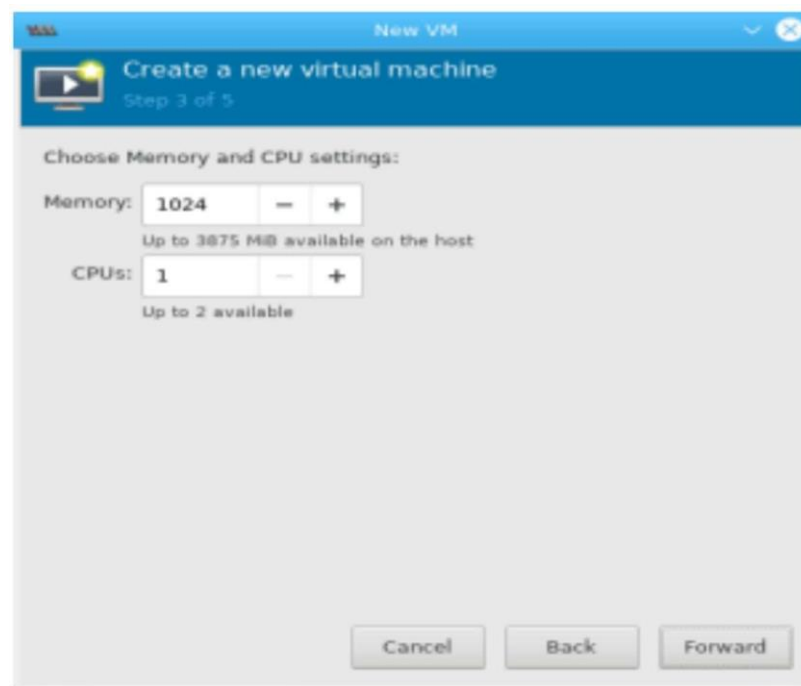
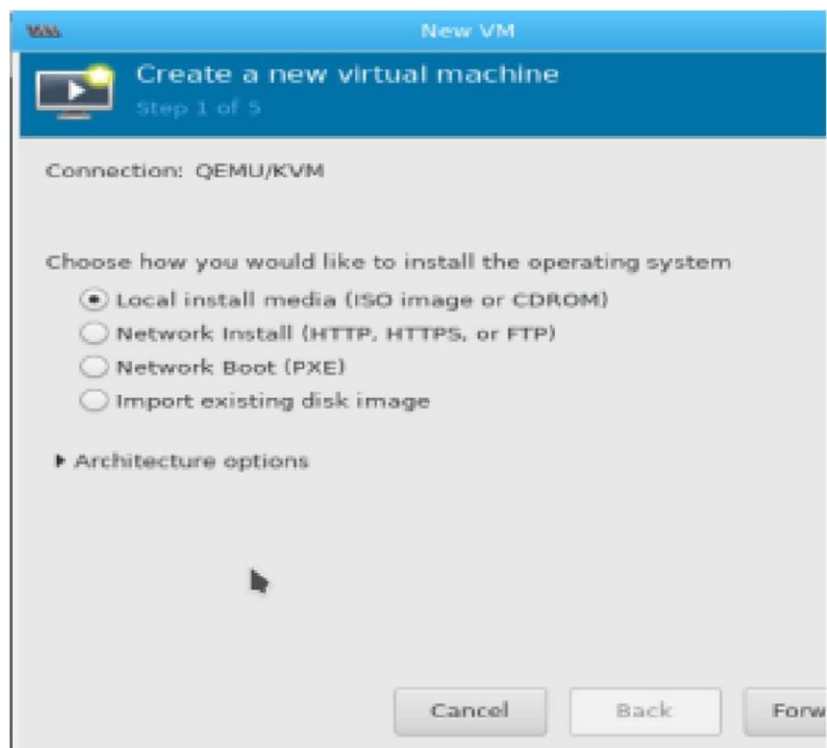
**Aim:**

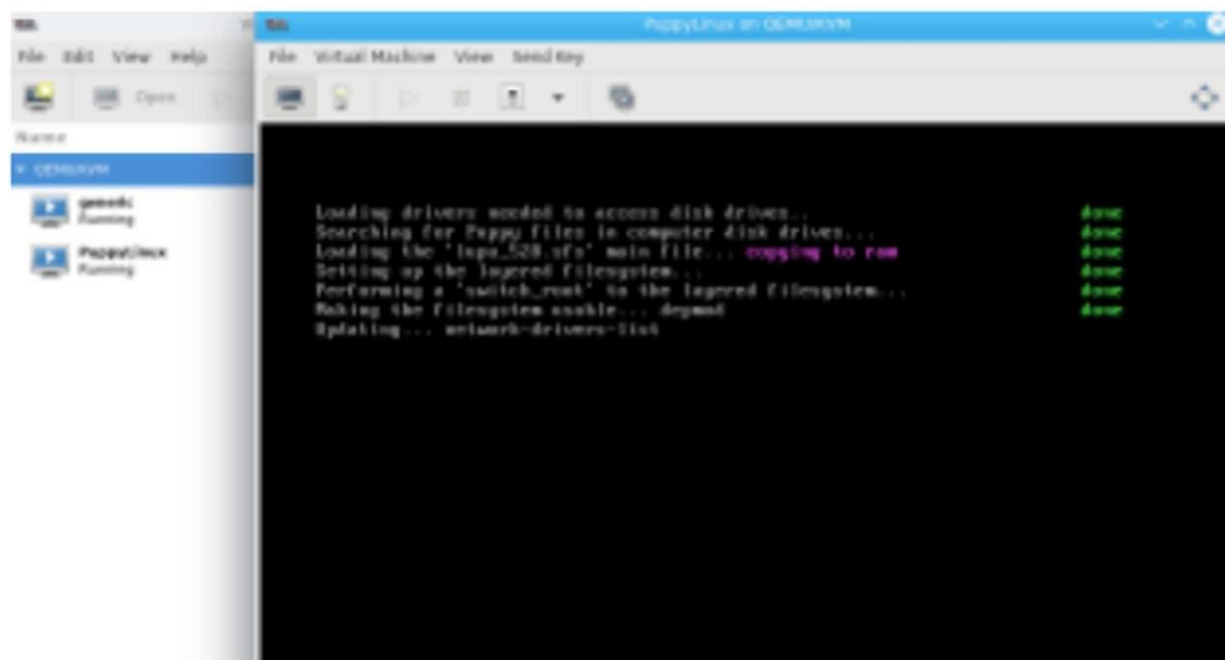
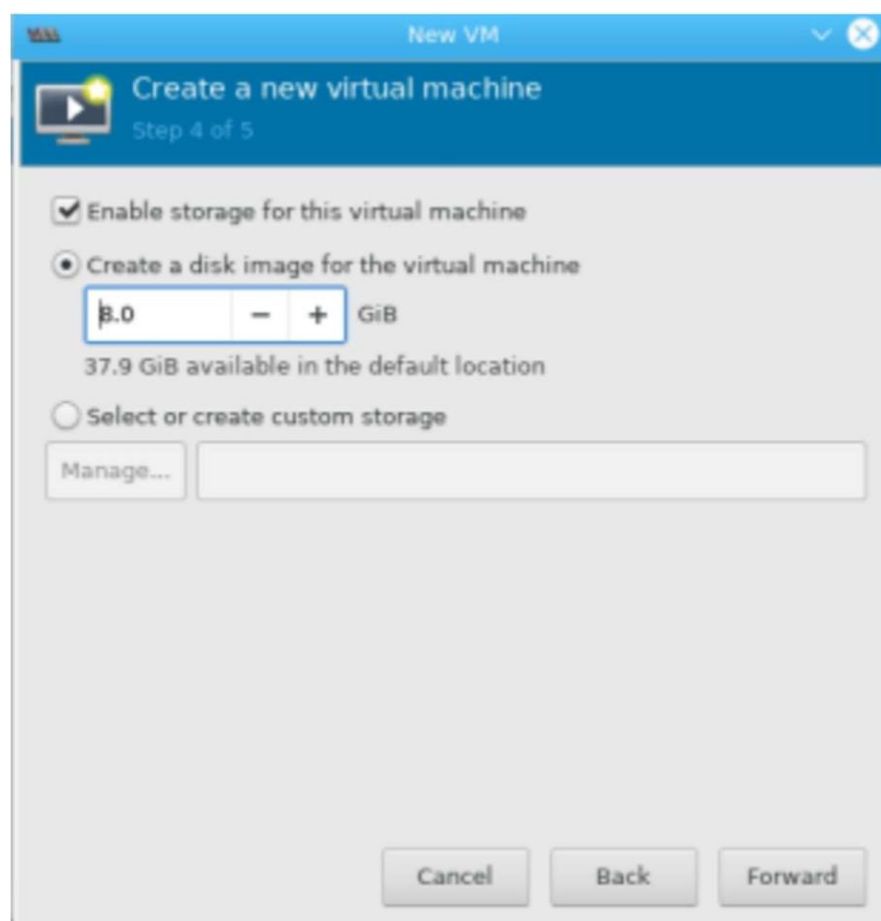
To install and configure Linux operating system in a Virtual Machine.

**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:







**Result :**

Installation and configuration of linux is completed successfully.