

Ex No: 1a)

Date: 28/11/25

INSTALLATION AND CONFIGURATION OF LINUX

Aim:

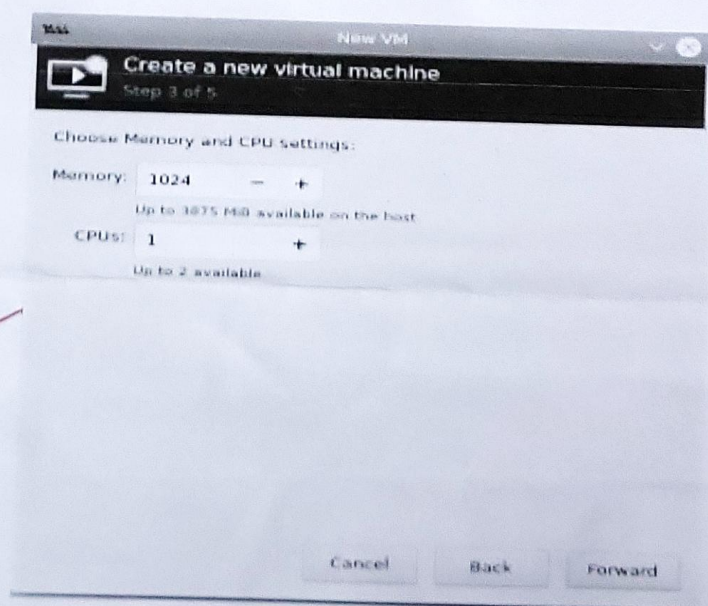
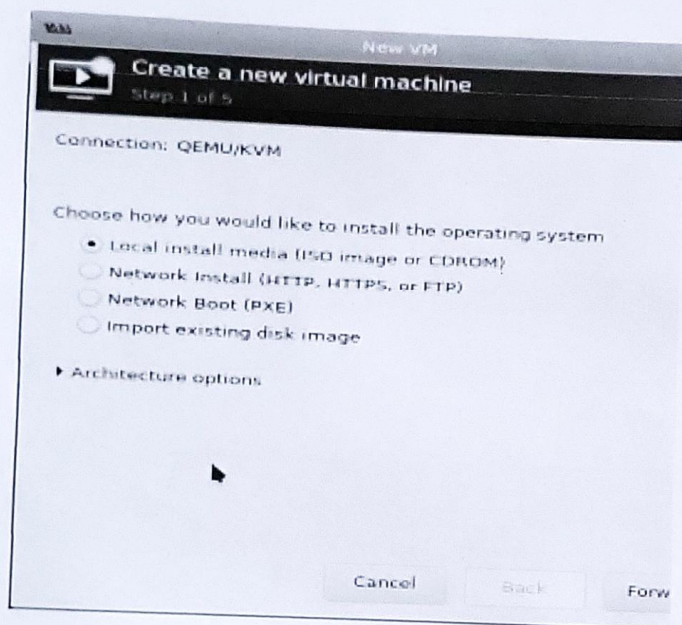
To install and configure Linux operating system in a Virtual Machine.

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

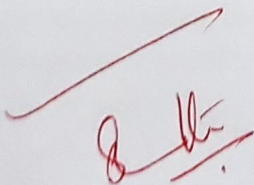
Output:

Output:



Result :

Thus the installation and configuration of linux operating system in a virtual machine is done successfully

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