

Ex No: 1a)


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INSTALLATION AND CONFIGURATION OF LINUX

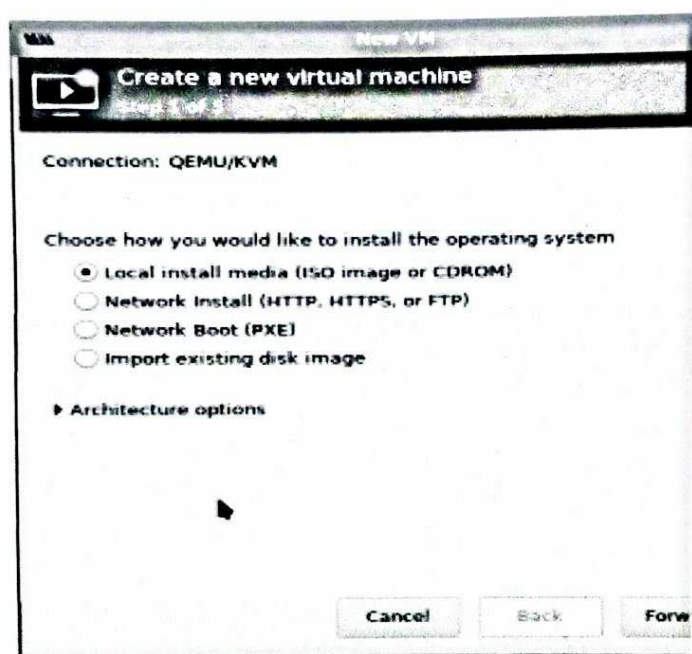
Aim:

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:



Create a new virtual machine

Choose Memory and CPU settings:

Memory: 1024 — +
Up to 3875 MiB available on the host

CPU: 1 — +
Up to 2 available

Cancel Back Forward

Create a new virtual machine
Step 4 of 5

☒ Enable storage for this virtual machine

☐ Create a disk image for the virtual machine

3.0 — + GiB
37.9 GiB available in the default location

☐ Select or create custom storage

Manage...

Cancel Back Forward



Result :

Linux operating system was installed and configured successfully in a virtual machine.

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