

Cloud Security & Management Lab

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Program – B.Tech CSE spl CCVT

Submitted

" Ms. Amanjot Kaur" Mam

LAB 3: Installation and Configuration of virtualization using KVM

Step 1: Install the packages

```
httvs/bemlod.doker.com/lows/bubmed pamy smelease
Hitzh http://in.archive.dubmit.com/bubmed pamy smelease
Hitzh http://in.archive.dubmit.com/bubmit pamy-backports ImRelease
Hitzh http://in.archive.dubmit.com/bubmit.pamy-backports ImRelease
Hitzh http://in.archive.dubmit.com/bubmit.pamy-backports ImRelease
Hitzh http://in.archive.dubmit.pamy-backports Imrelease
Hitzh http://in.archive.dubm
```

Step 2: Add user to the group

```
shiva@shiva-VirtualBox:~$ sudo adduser sameer kvm
Adding user `sameer' to group `kvm' ...
Adding user sameer to group kvm
Done.
```

Step 3: Enable the libvirtd

```
shiva@shiva-VirtualBox:~$ systemctl enable libvirtd
```

Step 4: Check the status of the libvirtd

```
Shivadshiva-VirtualRox:-$ do systemctl status libvirtd

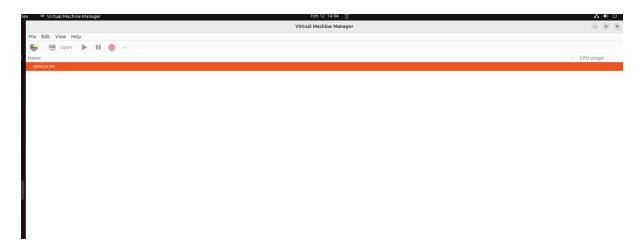
*\[ \] \libvirtd.service - \times \text{virtualIxation daemon} \\
  \] \Loaded: loaded (\lib\):systemd/system/libvirtd.service; enabled; vendor preset: enabled)
  \[ \] \Later \text{setive} (\text{running}) \text{since Mon 2023-62-66 13:33:21 IST; 10min ago} \)

Triggered8y: \[ \libvirtd.socket \\
  \[ \libvirtd.s
```

Step 5: Install the virt-manager

```
shivagahiva-VirtualBox: Sudo ap Install viri-nanage -y sealing package lists...Done
mending state information...Sone
he following packages were automatically installed and are no longer required:
chroniun-codesc-fripage-exer; getreameri.0-vaspi libaces libaosi libassi libavodecs8 libavoformats8 libavoform
```

Step 6: Start the virt-manger



Step 7: Create a new virtual machine

