Module:- COSA(Zones)   Name:- Prithviraj Nikam

Lab Assignment :-

2. Create new zone with your name and enable only https in that new zone make it as default zone.

Step-1:- Start firewall Service and check status.

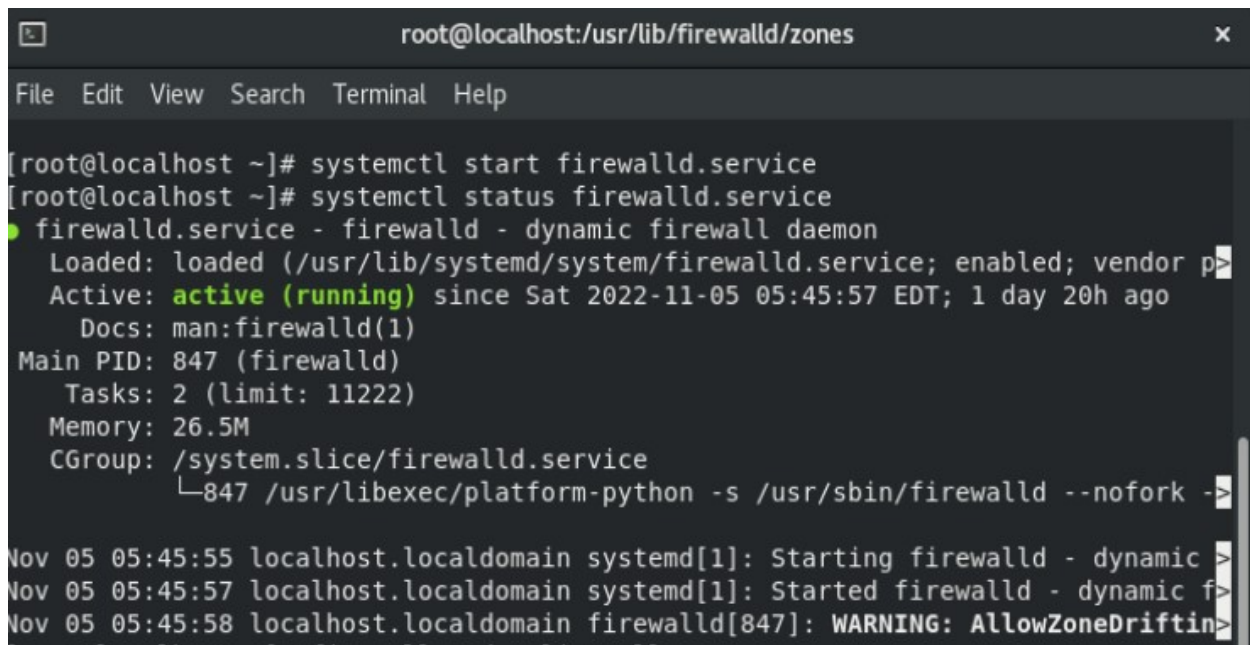Cmd:- # systemctl start firewalld.service

       # systemctl start firewalld.service

   And check lsit of all active service on Firewall

      #firewall-cmd --list-all

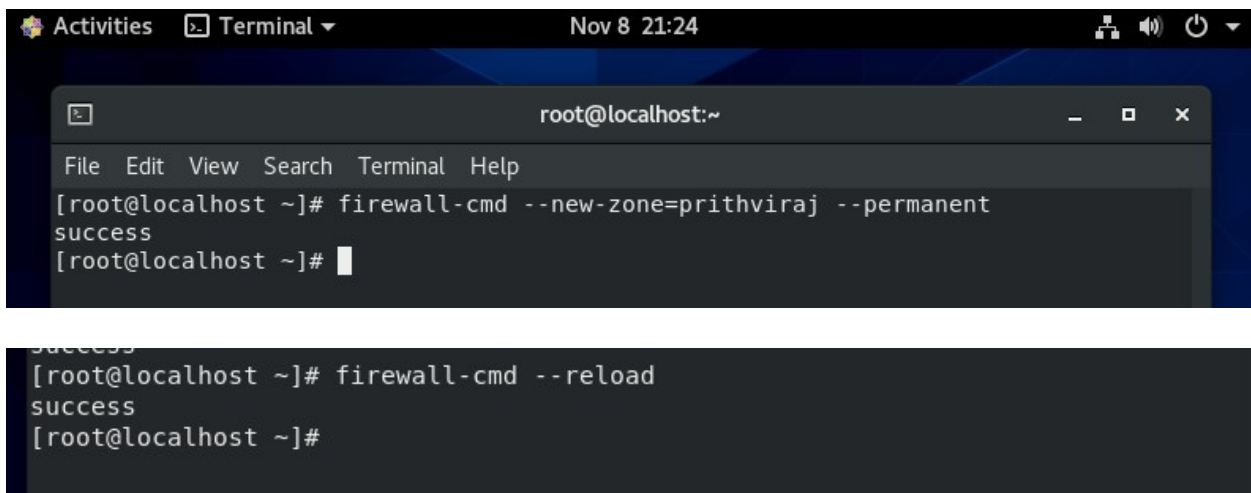   #cd /user/lib/firewalld/zones

      #ls

```
[root@localhost ~]# firewall-cmd --list-all
public (active)
  target: default
  icmp-block-inversion: no
  interfaces: enp0s3
  sources:
  services: cockpit dhcpv6-client ssh
  ports:
  protocols:
  forward: no
  masquerade: no
  forward-ports:
  source-ports:
  icmp-blocks:
  rich rules:
[root@localhost ~]# cd /usr/lib/firewalld/zones
[root@localhost zones]# ls
block.xml   drop.xml       home.xml       libvirt.xml    public.xml    work.xml
dmz.xml     external.xml   internal.xml   nm-shared.xml  trusted.xml
[root@localhost zones]#
```

Step-2:-Add new Zones permanently

Cmd:- # firewall-cmd - - new-zone=prithviraj – -permanent

 # firewall-cmd - - reload

```
Activities    Terminal ▼                    Nov 8 21:24

                              root@localhost:~                          _  □  ×

File  Edit  View  Search  Terminal  Help
[root@localhost ~]# firewall-cmd --new-zone=prithviraj --permanent
success
[root@localhost ~]#
```

```
success
[root@localhost ~]# firewall-cmd --reload
success
[root@localhost ~]#
```

Step-3:- Set default zones

Cmd:- # firewall-cmd - - set-default-zone=prithviraj

  # firewall-cmd - - reload

```
success
[root@localhost ~]# firewall-cmd --set-default-zone=prithviraj
success
[root@localhost ~]# firewall-cmd --reload
success
[root@localhost ~]#
```

Step-4:-Add service in current active default Zone

Cmd:- # firewall-cmd - - zone=prithviraj –add-service=https

  # firewall-cmd - - reload

```
success
[root@localhost ~]# firewall-cmd --zone=prithviraj --add-service=https
success
[root@localhost ~]# firewall-cmd --reload
success
[root@localhost ~]#
```

Step-5:-To check active services

 #firewall-cmd --list-all

```
[root@localhost ~]# firewall-cmd --list-all
prithviraj (active)
  target: default
  icmp-block-inversion: no
  interfaces: enp0s3
  sources:
  services:
  ports:
  protocols:
  forward: no
  masquerade: no
  forward-ports:
  source-ports:
  icmp-blocks:
  rich rules:
[root@localhost ~]#
```