

## Assignments:07

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

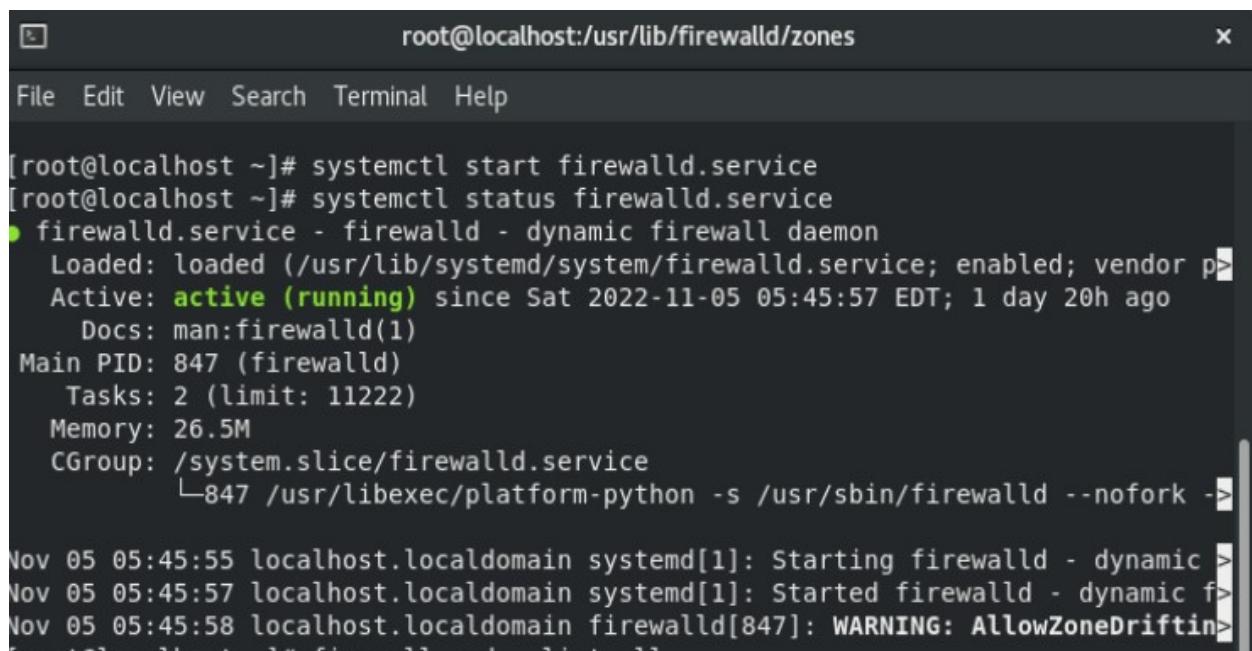
```
# systemctl start firewalld.service
```

And check lsit of all active service on Firewall

```
#firewall-cmd --list-all
```

```
#cd /user/lib/firewalld/zones
```

```
#ls
```



The screenshot shows a terminal window with the title "root@localhost:/usr/lib/firewalld/zones". The window contains the following text:

```
[root@localhost ~]# systemctl start firewalld.service
[root@localhost ~]# systemctl status firewalld.service
● firewalld.service - firewalld - dynamic firewall daemon
   Loaded: loaded (/usr/lib/systemd/system/firewalld.service; enabled; vendor p>
   Active: active (running) since Sat 2022-11-05 05:45:57 EDT; 1 day 20h ago
     Docs: man:firewalld(1)
   Main PID: 847 (firewalld)
     Tasks: 2 (limit: 11222)
    Memory: 26.5M
      CGroup: /system.slice/firewalld.service
              └─847 /usr/libexec/platform-python -s /usr/sbin/firewalld --nofork ->

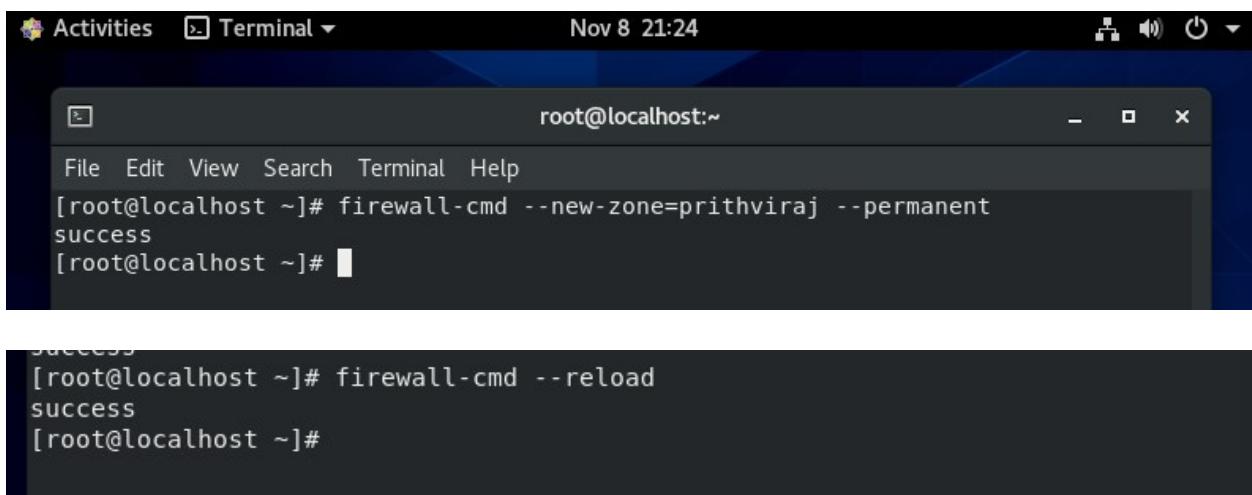
Nov 05 05:45:55 localhost.localdomain systemd[1]: Starting firewalld - dynamic >
Nov 05 05:45:57 localhost.localdomain systemd[1]: Started firewalld - dynamic f>
Nov 05 05:45:58 localhost.localdomain firewalld[847]: WARNING: AllowZoneDriftin>
```

```
[root@localhost ~]# firewall-cmd --list-all
public (active)
  target: default
  icmp-block-inversion: no
  interfaces: enp0s3
  sources:
  services: cockpit dhcpcv6-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**



The screenshot shows a terminal window titled "root@localhost:~". The window has a dark background and light-colored text. At the top, there's a menu bar with "File", "Edit", "View", "Search", "Terminal", and "Help". The main area of the terminal shows the command being run:

```
root@localhost ~]# firewall-cmd --new-zone=prithviraj --permanent
success
[root@localhost ~]#
```

Below the terminal window, there is a small text area containing the word "Success".

```
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 ~]# █
```