

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

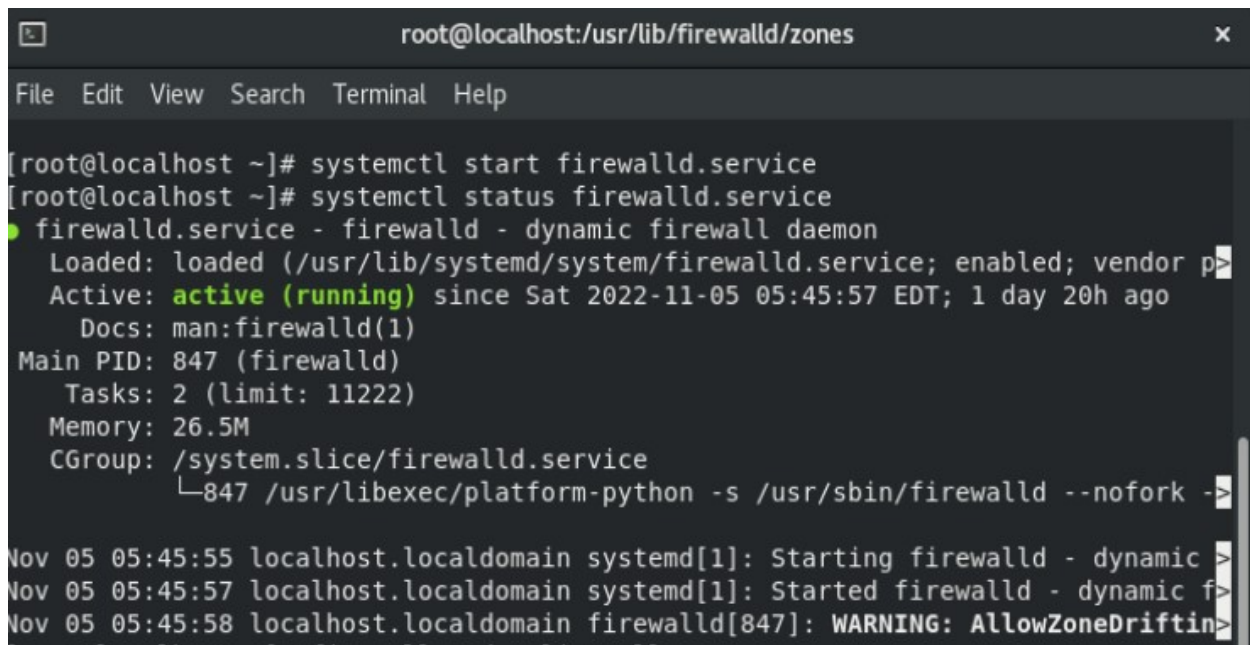
systemctl start firewalld.service

And check lsit of all active service on Firewall

#firewall-cmd --list-all

#cd /usr/lib/firewalld/zones

#ls

A terminal window titled 'root@localhost:/usr/lib/firewalld/zones' with a menu bar (File, Edit, View, Search, Terminal, Help). The terminal shows the following commands and output:

```
[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>
```

```

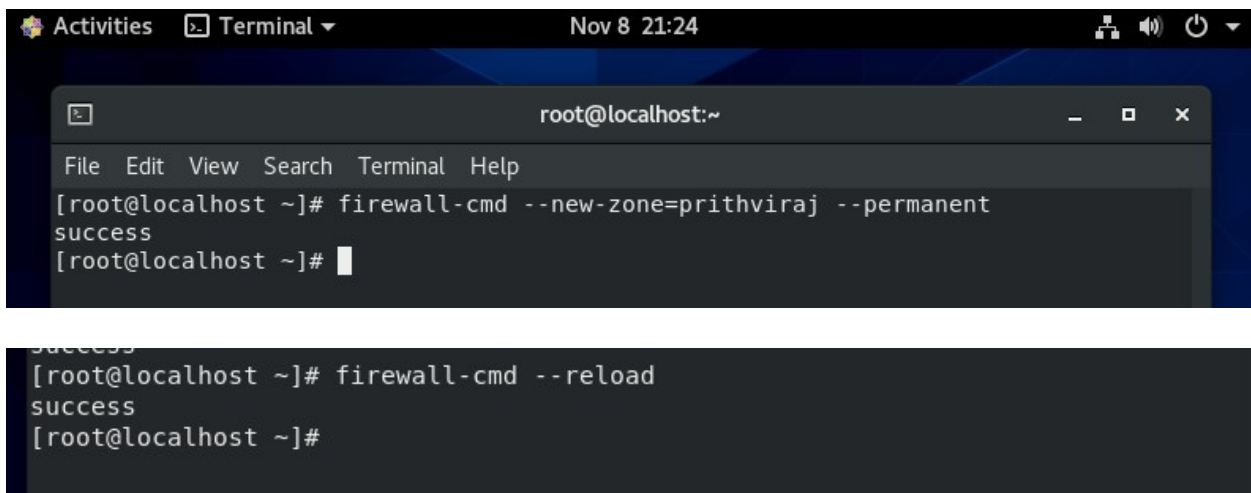
[root@localhost ~]# firewall-cmd --list-all
public (active)
  target: default
  icmp-block-inversion: no
  interfaces: enp0s3
  sources:
  services: cockpit dhcpv6-client ssh
  ports:
  protocols:
  forward: no
  masquerade: no
  forward-ports:
  source-ports:
  icmp-blocks:
  rich rules:
[root@localhost ~]# 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 ~]#
```