

# Remove/Manage services on CentOS 8

**ss** or **netstat** are useful command line tool can list up open ports combined with network services for TCP/UDP. And you can stop/disable/remove that service by **systemctl** and **dnf**. Finally you can see process tree by **ps-tree** or **htop** to discover and identify all the process running on your server. Below commands to show the running process combined with open ports:

```
# ss -tulpn
OR
# netstat -tulpn
```

Below is the example of **ss -tulpn**

```
# ss -tulpn
Netid  State      Recv-Q Send-Q Local Address:Port          Peer Address:      rt
udp    UNCONN     0      0      127.0.0.1:323              *:
*
udp    UNCONN     0      0      *:11211                    *:
udp    UNCONN     0      0      :::1:323                   :::
udp    UNCONN     0      0      :::11211                   :::
tcp    LISTEN     0      100     *:25                       *:
tcp    LISTEN     0      128     *:11211                     *:
tcp    LISTEN     0      128     127.0.0.1:6379             *:
*
tcp    LISTEN     0      128     *:22                       *:
tcp    LISTEN     0      100     :::25                      :::
tcp    LISTEN     0      32      :::8090                    :::
tcp    LISTEN     0      10      :::28090                   :::
tcp    LISTEN     0      128     :::8091                    :::
tcp    LISTEN     0      128     :::28091                   :::
tcp    LISTEN     0      128     :::443                     :::
tcp    LISTEN     0      1      ::ffff:127.0.0.1:8000      :::
*
tcp    LISTEN     0      1      ::ffff:127.0.0.1:28000     :::
*
tcp    LISTEN     0      1      ::ffff:127.0.0.1:28105     :::
*
tcp    LISTEN     0      128     :::3306                    :::
tcp    LISTEN     0      128     :::11211                   :::
tcp    LISTEN     0      128     :::80                      :::
tcp    LISTEN     0      100     :::28180                   :::
tcp    LISTEN     0      128     :::22                      :::
```

Below is another example to stop/disable/remove the service (postfix)

```
# systemctl stop postfix
# systemctl disable postfix
# dnf remove postfix
```

Below is example of installing **psmic** and show process tree by **ps-tree**

```

[root@ck-centos8 ~]# pstree
systemd--NetworkManager--2*[{NetworkManager}]
      --2*[abrt-dump-journ]
      --abrt-d--2*[{abrt-d}]
      --atd
      --auditd--sedispatch
              --2*[{auditd}]
      --crond
      --dbus-daemon--{dbus-daemon}
      --dnsmasq--dnsmasq
      --firewalld--2*[{firewalld}]
      --gssproxy--5*[{gssproxy}]
      --httpd--2*[httpd]
              --2*[httpd--64*[{httpd}]]
              --httpd--80*[{httpd}]
      --irqbalance--{irqbalance}
      --ksmtuned--sleep
      --libvirt-d--16*[{libvirt-d}]
      --login--bash--pstree
      --lsmd
      --mcelog
      --polkitd--7*[{polkitd}]
      --rpcbind
      --rsyslogd--2*[{rsyslogd}]
      --smartd
      --sshd
      --sssd--sssd_be
              --sssd_nss
      --systemd--(sd-pam)
      --systemd-journal
      --systemd-logind
      --systemd-machine
      --systemd-udev-d
      --tuned--3*[{tuned}]

```

If you want to take a look all the services and daemons running on your system, you can see it by

```
# systemctl list-units
```

The check if a daemon or service is automatically enabled during system starts, issue the following command.

```
# systemctl list-unit-files -t service
```

It will shows the result like below:

```
# systemctl list-unit-files -t service
UNIT FILE                                STATE
arp-ethers.service                      disabled
auditd.service                          enabled
autofs.service                          enabled
autovt@.service                          enabled
blk-availability.service                 disabled
brandbot.service                        static
chrony-dnssrv@.service                   static
chrony-wait.service                     disabled
chronyd.service                          enabled
console-getty.service                   disabled
console-shell.service                   disabled
container-getty@.service                 static
cpupower.service                        disabled
crond.service                            enabled
dbus-org.freedesktop.hostname1.service static
dbus-org.freedesktop.import1.service    static
dbus-org.freedesktop.locale1.service    static
dbus-org.freedesktop.login1.service      static
dbus-org.freedesktop.machin1.service     static
dbus-org.freedesktop.NetworkManager.service enabled
dbus-org.freedesktop.nm-dispatcher.service enabled
dbus-org.freedesktop.timedat1.service    static
dbus.service                             static
debug-shell.service                     disabled
dm-event.service                        static
dracut-cmdline.service                  static
dracut-initqueue.service                 static
dracut-mount.service                    static
dracut-pre-mount.service                 static
dracut-pre-pivot.service                 static
dracut-pre-trigger.service               static
dracut-pre-udev.service                  static
dracut-shutdown.service                  static
```