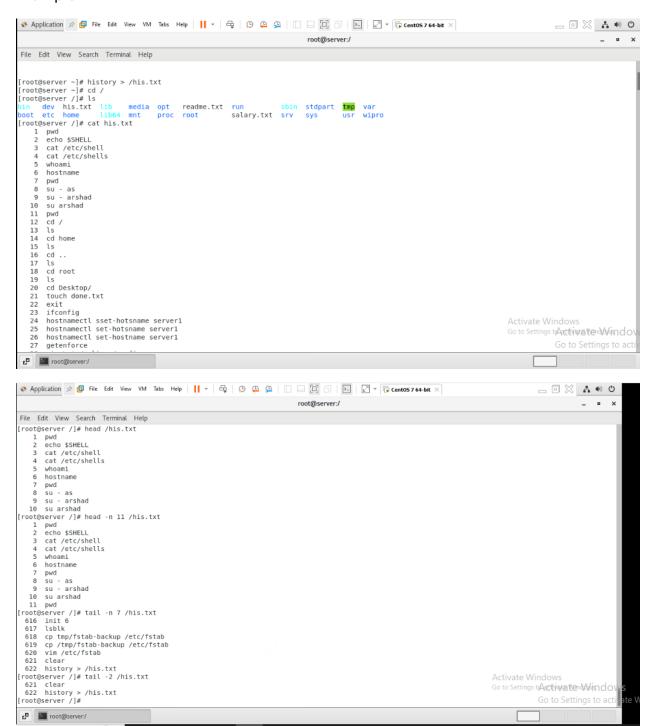
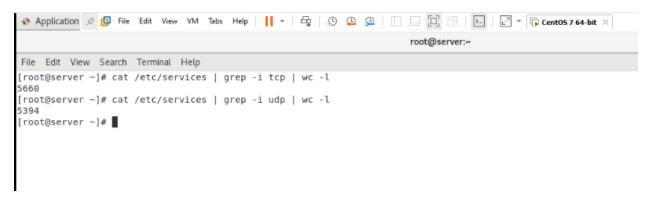
Searching / filtering / finding

Example:



```
2066 zlib-1.2.7-18.el7.x86 64
[root@server /]#
[root@server /]# grep "python" install.txt
abrt-addon-python-2.1.11-60.el7.centos.x86 64
abrt-python-2.1.11-60.el7.centos.x86 64
audit-libs-python-2.8.5-4.el7.x86 64
cryptsetup-python-2.0.3-6.el7.x86 64
dbus-python-1.1.1-9.el7.x86 64
gnome-python2-2.28.1-14.el7.x86 64
gnome-python2-canvas-2.28.1-14.el7.x86 64
langtable-python-0.0.31-4.el7.noarch
liblouis-python-2.5.2-12.el7 4.noarch
libpeas-loader-python-1.22.0-1.el7.x86 64
libreport-python-2.1.11-53.el7.centos.x86 64
libselinux-python-2.5-15.el7.x86 64
libsemanage-python-2.5-14.el7.x86 64
libstoragemgmt-python-1.8.1-1.el7.noarch
libstoragemgmt-python-clibs-1.8.1-1.el7.x86 64
libuser-python-0.60-9.el7.x86 64
libvirt-pvthon-4.5.0-1.el7.x86 64
libxml2-python-2.9.1-6.el7.5.x86 64
lvm2-python-libs-2.02.187-6.el7.x86 64
newt-python-0.52.15-4.el7.x86 64
openlmi-python-base-0.5.0-4.el7.noarch
openlmi-python-providers-0.5.0-4.el7.noarch
openwsman-python-2.6.3-7.git4391e5c.el7.x86_64
plasma-scriptengine-python-4.11.19-15.el7.x86 64
policycoreutils-python-2.5-34.el7.x86 64
python-2.7.5-89.el7.x86 64
python2-blockdev-2.18-5.el7.x86 64
python2-cryptography-1.7.2-2.el7.x86 64
     root@server:/
                              벍
re to search
```

Task: To find count of tcp and udp services within /etc/services file.



PROCESS MANAGEMENT

To list all process: #pstree

```
_ 0 × A 40 O
                                                                                                                                   root@server:~
File Edit View Search

[root@server -]# clear

[root@server -]# pstree

systemd ModemManager—2*[{ModemManager}]

NetworkManager dhclient

-2*[{NetworkManager}]
  File Edit View Search Terminal Help
                 — VGAuthService

— 2*[{NetworkManager}]

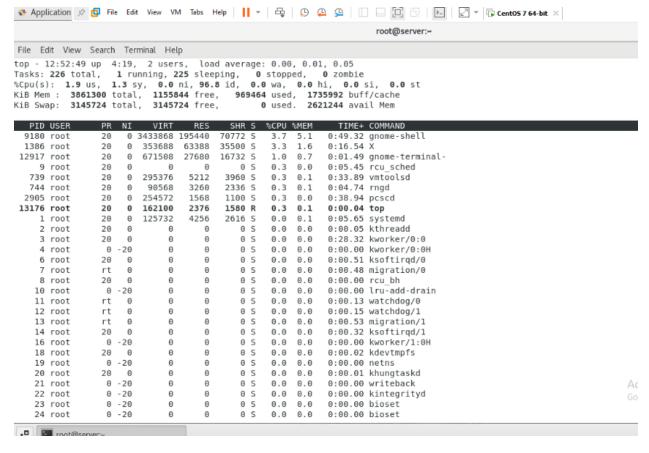
— 2*[abrt-watch-log]

— abrtd

— accounts-daemon—2*[{accounts-daemon}]
                 —alsactl
                 —at-spi-bus-laun—dbus-daemon
—at-spi-bus-laun}
—at-spi2-registr—2*[{at-spi2-registr}]
                 -atd
-auditd -audispd sedispatch
-auditd -audispd}
                 -{audispd;
-{auditd}
-avahi-daemon-avahi-daemon
-boltd-2*[{boltd}]
-colord-2*[{colord}]
                 -crond
                 —cupsd
—2*[dbus-daemon]
                -2*[dbus-daemon]
-dbus-launch
-dconf-service-2*[{dconf-service}]
-dnsmasq-dnsmasq
-escd-{escd}
-evolution-addre-evolution-addre}]
-evolution-calen-evolution-calen-8*[{evolution-addre}]
-evolution-sourc-3*[{evolution-calen}]
-evolution-sourc-3*[{evolution-calen}]
-firewalld-firewalld}
                 -firewalld---{firewalld}
-fwupd---4*[{fwupd}]
-gdm---X---3*[{X}]
                                                                                                                                                                                                                              Go to Settings to Activitation (A)
                                                                                                                                                                                                                                                   Go to Settings to acti
  root@server:~
```

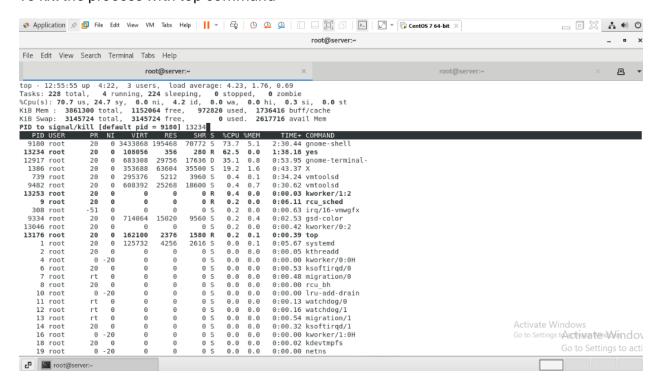
To get process ID

#top



To delay the process, press d and enter second

To kill the process with top command



Another kill command

```
File Edit View Search Terminal Tabs Help

root@server:~

[root@server ~]# kill -9 13430
[root@server ~]# |
```

Backup Tools

- 1. Archive
- tar

tar -cvf <filname.tar> <which-file>

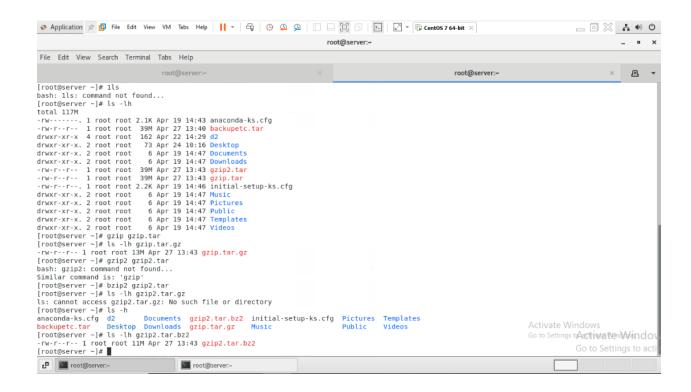
- 2. Compression
- gzip

gzip <filename>

-bzip2

bzip2 <filename>

-zip



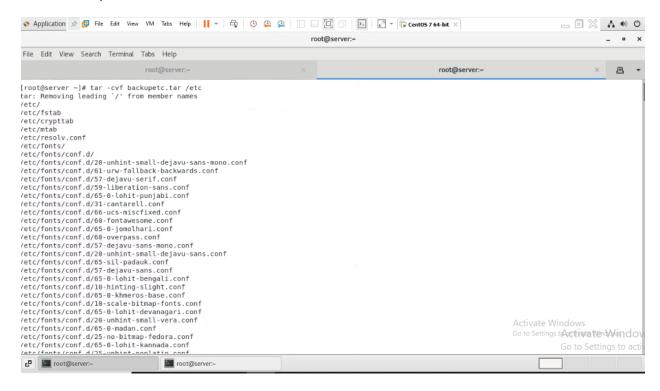
To get process ID

```
File Edit View Search Terminal Tabs Help

root@server:~ 

[root@server ~]# firefox &
[2] 13924
[root@server ~]# pgrep firefox
13804
13819
13924
13942
[root@server ~]#
```

Take backup



To transfer a file from linux to windows, from windows machine

