```
[root@localhost ~]# sudo yum install
^C
[root@localhost ~]# iostat
Linux 4.15.0-00049-ga3b1e7a-dirty (localhost)    04/14/2023       _riscv64_       (1 CPU)

avg-cpu:  %user   %nice %system %iowait  %steal   %idle
           2.96    0.00    3.75    0.00    0.00   93.29

Device            tps    kB_read/s    kB_wrtn/s    kB_dscd/s    kB_read    kB_wrtn    kB_dscd


[root@localhost ~]# iostat -x
Linux 4.15.0-00049-ga3b1e7a-dirty (localhost)    04/14/2023       _riscv64_       (1 CPU)

avg-cpu:  %user   %nice %system %iowait  %steal   %idle
           2.96    0.00    3.74    0.00    0.00   93.30

Device            r/s     rkB/s   rrqm/s  %rrqm r_await rareq-sz     w/s     wkB/s   wrqm/s  %wrqm w_await wareq-sz     d/s     dkB/s   drqm/s  %drqm d_await dareq-sz     f/s f_await  aqu-sz  %util


[root@localhost ~]# iostat -x sda
Linux 4.15.0-00049-ga3b1e7a-dirty (localhost)    04/14/2023       _riscv64_       (1 CPU)

avg-cpu:  %user   %nice %system %iowait  %steal   %idle
           2.95    0.00    3.74    0.00    0.00   93.30

Device            r/s     rkB/s   rrqm/s  %rrqm r_await rareq-sz     w/s     wkB/s   wrqm/s  %wrqm w_await wareq-sz     d/s     dkB/s   drqm/s  %drqm d_await dareq-sz     f/s f_await  aqu-sz  %util


[root@localhost ~]# iostat -c
Linux 4.15.0-00049-ga3b1e7a-dirty (localhost)    04/14/2023       _riscv64_       (1 CPU)

avg-cpu:  %user   %nice %system %iowait  %steal   %idle
           2.95    0.00    3.74    0.00    0.00   93.32



[root@localhost ~]# iostat -d
Linux 4.15.0-00049-ga3b1e7a-dirty (localhost)    04/14/2023       _riscv64_       (1 CPU)

Device            tps    kB_read/s    kB_wrtn/s    kB_dscd/s    kB_read    kB_wrtn    kB_dscd


[root@localhost ~]#
```

```
kmem
[root@localhost ~]# sudo groupmod -n mynewgroup mygroup
[root@localhost ~]# cut -d: -f1 /etc/group | sort |uniq
adm
audio
bin
ccache
cdrom
chrony
daemon
dbus
dialout
disk
dnsmasq
floppy
ftp
games
geoclue
grp1
input
kmem
kojibuilder
kvm
libvirt
lock
lp
mail
man
mem
mock
mynewgroup
nobody
person1
pesign
polkitd
qemu
radvd
render
root
rpc
rpcuser
saslauth
screen
setroubleshoot
sshd
```

```
[root@localhost ~]# lscpu
Architecture:        riscv64
Byte Order:          Little Endian
CPU(s):              1
On-line CPU(s) list: 0
Thread(s) per core:  1
Core(s) per socket:  1
Socket(s):           1
[root@localhost ~]# sudo apt-get install
sudo: apt-get: command not found
[root@localhost ~]# sudo apt-get vim
sudo: apt-get: command not found
[root@localhost ~]# sudo useradd Sumukh
[root@localhost ~]# sudo userdel -r Sumukh
[root@localhost ~]# sudo groupadd mygroup
[root@localhost ~]# cut -d: -f1 /etc/group | sort |uniq
adm
audio
bin
ccache
cdrom
chrony
daemon
dbus
dialout
disk
dnsmasq
floppy
ftp
games
geoclue
grp1
input
kmem
kojibuilder
kvm
libvirt
lock
lp
mail
man
mem
mock
mygroup
nobody
```

```
CPU[||||||              |||||||||||||||||||||||||||||||||||||||||||||||||1 6.7%]    Tasks: 4, 0 thr; 1 running
Mem[||||||                                                    5.50M/182M]    Load average: 0.10 0.11 0.14
Swp[                                                              0K/0K]    Uptime: 01:22:11

  PID USER      PRI  NI  VIRT   RES   SHR S CPU% MEM%   TIME+  Command
  235 root       20   0  4072  3116  2048 R  7.9  1.7  0:02.74 htop
    1 root       20   0  3136  2516  2148 S  0.0  1.4  0:03.24 /bin/sh /sbin/init
   43 root       20   0  1944  1472  1196 S  0.0  0.8  0:00.34 dhcpcd
   48 root       20   0  6204  2944  2380 S  0.0  1.6  0:07.86 sh -1
```

```
F1Help  F2Setup  F3Search F4Filter F5Tree  F6SortByF7Nice - F8Nice + F9Kill   F10Quit
```

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```
[root@localhost ~]# sudo zipper install firefox
sudo: zipper: command not found
[root@localhost ~]# sudo dpkg -r foobar.deb
sudo: dpkg: command not found
[root@localhost ~]# sudo fdisk /dev/sda

Welcome to fdisk (util-linux 2.36).
Changes will remain in memory only, until you decide to write them.
Be careful before using the write command.

fdisk: cannot open /dev/sda: No such file or directory
[root@localhost ~]# sudo gdisk /dev/sda
GPT fdisk (gdisk) version 1.0.5

Problem opening /dev/sda for reading! Error is 2.
The specified file does not exist!
[root@localhost ~]# sudo parted /dev/sda
Error: Could not stat device /dev/sda - No such file or directory.
Retry/Cancel? cancel
[root@localhost ~]# df -h
Filesystem      Size  Used Avail Use% Mounted on
/dev/root       9.8G  5.7G  4.2G  58% /
devtmpfs         91M     0   91M   0% /dev
[root@localhost ~]# lsblk -l
[root@localhost ~]# netstat
Active Internet connections (w/o servers)
Proto Recv-Q Send-Q Local Address           Foreign Address         State
Active UNIX domain sockets (w/o servers)
Proto RefCnt Flags       Type       State         I-Node   Path
Active Bluetooth connections (w/o servers)
Proto  Destination       Source            State         PSM DCID   SCID      IMTU    OMTU Security
Proto  Destination       Source            State     Channel
[root@localhost ~]# ping 0.0.0.0
ping: socket: Address family not supported by protocol
PING 0.0.0.0 (127.0.0.1) 56(84) bytes of data.
^C
--- 0.0.0.0 ping statistics ---
47 packets transmitted, 0 received, 100% packet loss, time 65239ms

[root@localhost ~]# sudo apt-get update
sudo: apt-get: command not found
[root@localhost ~]#
```

```
[root@localhost ~]# iostat -k
Linux 4.15.0-00049-ga3b1e7a-dirty (localhost)    04/14/2023        _riscv64_        (1 CPU)

avg-cpu:  %user   %nice %system %iowait  %steal   %idle
           2.93    0.00    3.72    0.00    0.00   93.35

Device            tps    kB_read/s    kB_wrtn/s    kB_dscd/s    kB_read    kB_wrtn    kB_dscd


[root@localhost ~]# iostat -p
Linux 4.15.0-00049-ga3b1e7a-dirty (localhost)    04/14/2023        _riscv64_        (1 CPU)

avg-cpu:  %user   %nice %system %iowait  %steal   %idle
           2.92    0.00    3.72    0.00    0.00   93.35

Device            tps    kB_read/s    kB_wrtn/s    kB_dscd/s    kB_read    kB_wrtn    kB_dscd


[root@localhost ~]# iostat -N
Linux 4.15.0-00049-ga3b1e7a-dirty (localhost)    04/14/2023        _riscv64_        (1 CPU)

avg-cpu:  %user   %nice %system %iowait  %steal   %idle
           2.90    0.00    3.70    0.00    0.00   93.40

Device            tps    kB_read/s    kB_wrtn/s    kB_dscd/s    kB_read    kB_wrtn    kB_dscd


[root@localhost ~]# iostat -xd
Linux 4.15.0-00049-ga3b1e7a-dirty (localhost)    04/14/2023        _riscv64_        (1 CPU)

Device           r/s     rkB/s   rrqm/s  %rrqm r_await rareq-sz     w/s    wkB/s   wrqm/s  %wrqm w_await wareq-sz     d/s    dkB/s   drqm/s  %drqm d_await dareq-sz     f/s f_await  aqu-sz %util


[root@localhost ~]# iostat -k 2 3
Linux 4.15.0-00049-ga3b1e7a-dirty (localhost)    04/14/2023        _riscv64_        (1 CPU)

avg-cpu:  %user   %nice %system %iowait  %steal   %idle
           2.89    0.00    3.69    0.00    0.00   93.42

Device            tps    kB_read/s    kB_wrtn/s    kB_dscd/s    kB_read    kB_wrtn    kB_dscd
```