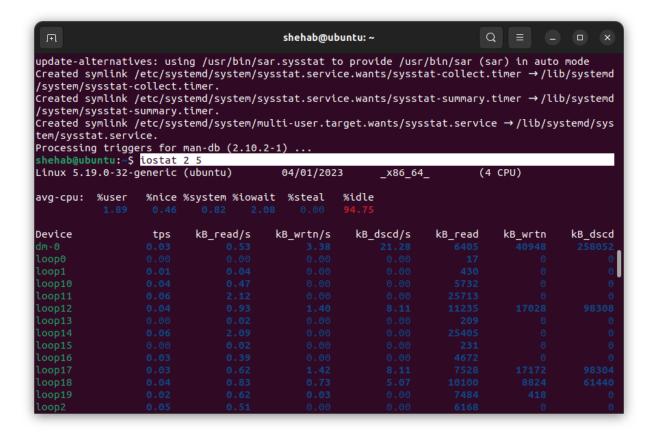# Shehab Hossam

Lsusb

```
shehab@ubuntu:~$ lsusb
Bus 001 Device 001: ID 1d6b:0002 Linux Foundation 2.0 root hub
Bus 002 Device 003: ID 80ee:0021 VirtualBox USB Tablet
Bus 002 Device 001: ID 1d6b:0001 Linux Foundation 1.1 root hub
shehab@ubuntu:~$
```

cat /proc/cpuinfo | grep processor

```
shehab@ubuntu:~$ lsusb
Bus 001 Device 001: ID 1d6b:0002 Linux Foundation 2.0 root hub
Bus 002 Device 003: ID 80ee:0021 VirtualBox USB Tablet
Bus 002 Device 001: ID 1d6b:0001 Linux Foundation 1.1 root hub
shehab@ubuntu:~$ cat /proc/cpuinfo | grep processor
processor       : 0
processor       : 1
processor       : 2
processor       : 3
shehab@ubuntu:~$
```

iostat 2 5


```
update-alternatives: using /usr/bin/sar.sysstat to provide /usr/bin/sar (sar) in auto mode
Created symlink /etc/systemd/system/sysstat.service.wants/sysstat-collect.timer → /lib/systemd
/system/sysstat-collect.timer.
Created symlink /etc/systemd/system/sysstat.service.wants/sysstat-summary.timer → /lib/systemd
/system/sysstat-summary.timer.
Created symlink /etc/systemd/system/multi-user.target.wants/sysstat.service → /lib/systemd/sys
tem/sysstat.service.
Processing triggers for man-db (2.10.2-1) ...
shehab@ubuntu:~$ iostat 2 5
Linux 5.19.0-32-generic (ubuntu)         04/01/2023      _x86_64_         (4 CPU)

avg-cpu:  %user   %nice %system %iowait  %steal   %idle
           1.89    0.46    0.82    2.08    0.00   94.75

Device             tps    kB_read/s    kB_wrtn/s    kB_dscd/s    kB_read    kB_wrtn    kB_dscd
dm-0              0.03         0.53         3.38        21.28       6405      40948     258052
loop0             0.00         0.00         0.00         0.00         17          0          0
loop1             0.01         0.04         0.00         0.00        430          0          0
loop10            0.04         0.47         0.00         0.00       5732          0          0
loop11            0.06         2.12         0.00         0.00      25713          0          0
loop12            0.04         0.93         1.40         8.11      11235      17028      98308
loop13            0.00         0.02         0.00         0.00        209          0          0
loop14            0.06         2.09         0.00         0.00      25405          0          0
loop15            0.00         0.02         0.00         0.00        231          0          0
loop16            0.03         0.39         0.00         0.00       4672          0          0
loop17            0.03         0.62         1.42         8.11       7528      17172      98304
loop18            0.04         0.83         0.73         5.07      10100       8824      61440
loop19            0.02         0.62         0.03         0.00       7484        418          0
loop2             0.05         0.51         0.00         0.00       6168          0
```

Nicstat


```
shehab@ubuntu:~$ sudo apt install nicstat
Reading package lists... Done
Building dependency tree... Done
Reading state information... Done
The following packages were automatically installed and are no longer required:
  apache2-bin apache2-data apache2-utils libapr1 libaprutil1 libaprutil1-dbd-sqlite3
  libaprutil1-ldap libflashrom1 libftdi1-2 libllvm13
Use 'sudo apt autoremove' to remove them.
The following NEW packages will be installed:
  nicstat
0 upgraded, 1 newly installed, 0 to remove and 89 not upgraded.
Need to get 18.2 kB of archives.
After this operation, 54.3 kB of additional disk space will be used.
Get:1 http://us.archive.ubuntu.com/ubuntu jammy/main amd64 nicstat amd64 1.95-1build3 [18.2 kB
]
Fetched 18.2 kB in 1s (34.0 kB/s)
Selecting previously unselected package nicstat.
(Reading database ... 239589 files and directories currently installed.)
Preparing to unpack .../nicstat_1.95-1build3_amd64.deb ...
Unpacking nicstat (1.95-1build3) ...
Setting up nicstat (1.95-1build3) ...
Processing triggers for man-db (2.10.2-1) ...
shehab@ubuntu:~$ nicstat
    Time     Int    rKB/s    wKB/s    rPk/s    wPk/s     rAvs     wAvs %Util     Sat
04:33:02      lo     0.04     0.04     0.46     0.46    81.77    81.77  0.00    0.00
04:33:02  enp0s3    74.26     0.84    52.88    13.93   1438.2    61.84  0.06    0.00
shehab@ubuntu:~$
```

Lspci

sudo find / -name "*.zip" -exec file {} \; | grep "Zip"

grep -e "0x" /var/log/syslog

shehab@ubuntu:~$ grep -e "0x" /var/log/syslog
Mar 28 06:24:14 ubuntu kernel: [47.237401] vboxsf: g_fHostFeatures=0x8000000f
 g_fSfFeatures=0x1 g_uSfLastFunction=29
Mar 28 06:24:14 ubuntu kernel: [47.237948] vboxsf: Successfully loaded versio
n 7.0.6 r155176 on 5.19.0-32-generic (LINUX_VERSION_CODE=0x51311)
Mar 28 06:25:24 ubuntu kernel: [116.355025] audit: type=1326 audit(1679999124.
287:53): auid=1000 uid=1000 gid=1000 ses=4 subj=snap.snapd-desktop-integration.s
napd-desktop-integration pid=2333 comm="snapd-desktop-i" exe="/snap/snapd-deskto
p-integration/49/usr/bin/snapd-desktop-integration" sig=0 arch=c000003e syscall=
314 compat=0 ip=0x7f06c1ed473d code=0x50000
Mar 28 06:25:27 ubuntu kernel: [119.120056] audit: type=1326 audit(1679999127.
051:54): auid=1000 uid=1000 gid=1000 ses=4 subj=snap.snap-store.snap-store pid=2
182 comm="snap-store" exe="/snap/snap-store/638/usr/bin/snap-store" sig=0 arch=c
000003e syscall=314 compat=0 ip=0x7fd2b927073d code=0x50000
Mar 28 06:26:30 ubuntu kernel: [182.336296] audit: type=1326 audit(1679999190.
267:61): auid=1000 uid=1000 gid=1000 ses=4 subj=snap.snap-store.snap-store pid=2
182 comm="pool-org.gnome." exe="/snap/snap-store/638/usr/bin/snap-store" sig=0 a
rch=c000003e syscall=93 compat=0 ip=0x7fd2b926739b code=0x50000
Mar 28 06:34:19 ubuntu kernel: [651.262315] audit: type=1326 audit(1679999659.
197:119): auid=1000 uid=1000 gid=1000 ses=4 subj=snap.snapd-desktop-integration.
snapd-desktop-integration pid=5768 comm="snapd-desktop-i" exe="/snap/snapd-deskt
op-integration/57/usr/bin/snapd-desktop-integration" sig=0 arch=c000003e syscall
=314 compat=0 ip=0x7fbabfd24a3d code=0x50000
shehab@ubuntu:~$