

Viola George Kamal

Lab2_System admin2

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

```
vboxuser@linuxxx:~$ cat /proc/cpuinfo | grep processor | wc -l
1
vboxuser@linuxxx:~$ iostat 2 5
Command 'iostat' not found, but can be installed with:
apt install sysstat
Please ask your administrator.
```

```
vboxuser@linuxxx:~$ sudo apt install sysstat
Reading package lists... Done
Building dependency tree... Done
Reading state information... Done
The following package was automatically installed and is no longer required:
  systemd-hwe-hwdb
Use 'sudo apt autoremove' to remove it.
Suggested packages:
  isag
The following NEW packages will be installed:
  sysstat
0 upgraded, 1 newly installed, 0 to remove and 172 not upgraded.
Need to get 487 kB of archives.
After this operation, 1,507 kB of additional disk space will be used.
Get:1 http://eg.archive.ubuntu.com/ubuntu jammy-updates/main amd64 sysstat amd64 12.5.2-2ubuntu0.1 [487 kB]
Fetched 487 kB in 1s (634 kB/s)
Preconfiguring packages ...
Selecting previously unselected package sysstat.
(Reading database ... 231790 files and directories currently installed.)
Preparing to unpack .../sysstat_12.5.2-2ubuntu0.1_amd64.deb ...
Unpacking sysstat (12.5.2-2ubuntu0.1) ...
```

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vboxuser@linuxxx:~$ iostat 2 5
Linux 5.15.0-60-generic (linuxxx)      04/03/2023      _x86_64_      (1 CP

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avg-cpu:		%user	%nice	%system	%iowait	%steal	%idle
		5.02	0.69	2.30	0.49	0.00	91.50

Device	tps	kB_read/s	kB_wrtn/s	kB_dscd/s	kB_read	kB_wrtn
loop0	0.00	0.01	0.00	0.00	17	0
loop1	0.02	0.12	0.00	0.00	348	0
loop10	0.02	0.12	0.00	0.00	349	0
loop11	0.02	0.13	0.00	0.00	364	0
loop12	0.02	0.12	0.00	0.00	348	0
loop13	0.63	25.02	0.00	0.00	71401	0
loop14	0.01	0.12	0.00	0.00	353	0

```
vboxuser@linuxxx:~$ sudo apt install nicstat
Reading package lists... Done
Building dependency tree... Done
Reading state information... Done
The following package was automatically installed and is no longer required:
  systemd-hwe-hwdb
Use 'sudo apt autoremove' to remove it.
The following NEW packages will be installed:
  nicstat
0 upgraded, 1 newly installed, 0 to remove and 172 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://eg.archive.ubuntu.com/ubuntu jammy/main amd64 nicstat amd64 1.95-1build3 [18.2 kB]
Fetched 18.2 kB in 0s (47.1 kB/s)
Selecting previously unselected package nicstat.
(Reading database ... 231852 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) ...
vboxuser@linuxxx:~$ nicstat 1 5
```

Time	Int	rKB/s	wKB/s	rPk/s	wPk/s	rAvs	wAvs	%Util	Sat
06:10:14	lo	0.00	0.00	0.06	0.06	90.87	90.87	0.00	0.00

```
vboxuser@linuxxxx:~$ nicstat 1 5
```

Time	Int	rKB/s	wKB/s	rPk/s	wPk/s	rAvs	wAvs	%Util	Sat
06:10:14	lo	0.00	0.00	0.06	0.06	90.87	90.87	0.00	0.00
06:10:14	enp0s3	32.06	0.55	21.90	9.15	1499.3	61.62	0.03	0.00
Time	Int	rKB/s	wKB/s	rPk/s	wPk/s	rAvs	wAvs	%Util	Sat
06:10:15	lo	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
06:10:15	enp0s3	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Time	Int	rKB/s	wKB/s	rPk/s	wPk/s	rAvs	wAvs	%Util	Sat
06:10:16	lo	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
06:10:16	enp0s3	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Time	Int	rKB/s	wKB/s	rPk/s	wPk/s	rAvs	wAvs	%Util	Sat
06:10:17	lo	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
06:10:17	enp0s3	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Time	Int	rKB/s	wKB/s	rPk/s	wPk/s	rAvs	wAvs	%Util	Sat
06:10:18	lo	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
06:10:18	enp0s3	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00

```
vboxuser@linuxxxx:~$ sudo apt install lspci
Reading package lists... Done
Building dependency tree... Done
Reading state information... Done
E: Unable to locate package lspci
```

```
vboxuser@linuxxxx:~$ lspci
00:00.0 Host bridge: Intel Corporation 440FX - 82441FX PMC [Natoma] (rev 02)
00:01.0 ISA bridge: Intel Corporation 82371SB PIIX3 ISA [Natoma/Triton II]
00:01.1 IDE interface: Intel Corporation 82371AB/EB/MB PIIX4 IDE (rev 01)
00:02.0 VGA compatible controller: VMware SVGA II Adapter
00:03.0 Ethernet controller: Intel Corporation 82540EM Gigabit Ethernet Controller (rev 02)
00:04.0 System peripheral: InnoTek Systemberatung GmbH VirtualBox Guest Service
00:05.0 Multimedia audio controller: Intel Corporation 82801AA AC'97 Audio Controller (rev 01)
00:06.0 USB controller: Apple Inc. KeyLargo/Intrepid USB
00:07.0 Bridge: Intel Corporation 82371AB/EB/MB PIIX4 ACPI (rev 08)
00:0b.0 USB controller: Intel Corporation 82801FB/FBM/FR/FW/FRW (ICH6 Family) USB2 EHCI Controller
00:0d.0 SATA controller: Intel Corporation 82801HM/HEM (ICH8M/ICH8M-E) SATA Controller [AHCI mode] (rev 02)
vboxuser@linuxxxx:~$ grep -e "0x" /var/log/syslog
grep: /var/log/syslog: Permission denied
vboxuser@linuxxxx:~$ sudo grep -e "0x" /var/log/syslog
Mar 28 15:46:52 linuxxxx NetworkManager[682]: <info> [1680011212.3092] dns-mgr[0x55eca398f2a0]: init: dns=systemd-resolved rc-manager=unmanaged (auto), plugin=systemd-resolved
Mar 28 15:46:52 linuxxxx NetworkManager[682]: <info> [1680011212.3111] manager[0x55eca39b0040]: rfkill: Wi-Fi hardware radio set enabled
Mar 28 15:46:52 linuxxxx NetworkManager[682]: <info> [1680011212.3114] manager[
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vboxuser@linuxxx:~$ sudo find / -name "*.Zip" -type f 1>/dev/null
find: '/run/user/1000/doc': Permission denied
find: '/run/user/1000/gvfs': Permission denied
vboxuser@linuxxx:~$ sudo find / -name "*.Zip" -type f 2>/dev/null
vboxuser@linuxxx:~$ sudo grep -e "0x" /var/log/syslog
Mar 28 15:46:52 linuxxx NetworkManager[682]: <info> [1680011212.3092] dns-mgr[0x55eca398f2a0]: init: dns=systemd-resolved rc-manager=unmanaged (auto), plugin=systemd-resolved
Mar 28 15:46:52 linuxxx NetworkManager[682]: <info> [1680011212.3111] manager[0x55eca39b0040]: rfkill: Wi-Fi hardware radio set enabled
Mar 28 15:46:52 linuxxx NetworkManager[682]: <info> [1680011212.3114] manager[0x55eca39b0040]: rfkill: WWAN hardware radio set enabled
Mar 28 16:18:00 linuxxx kernel: [ 1879.520489] audit: type=1326 audit(1680013080.883:108): auid=1000 uid=1000 gid=1000 ses=3 subj=snap.snapd-desktop-integration.snapd-desktop-integration pid=3328 comm="snapd-desktop-i" exe="/snap/snapd-desktop-integration/57/usr/bin/snapd-desktop-integration" sig=0 arch=c000003e syscall=314 compat=0 ip=0x7f9c27e62a3d code=0x50000
Mar 28 16:59:48 linuxxx gnome-shell[2482]: Object Gdm.UserVerifierProxy (0x55bd73e45160), has been already disposed - impossible to access it. This might be caused by the object having been destroyed from C code using something such as destroy(), dispose(), or remove() vfuncs.
Mar 28 16:59:48 linuxxx gnome-shell[2482]: == Stack trace for context 0x55bd7289d4a0 ==
Mar 29 18:09:16 linuxxx kernel: [ 0.000000] x86/fpu: Supporting XSAVE feature 0x001: 'x87 floating point registers'
Mar 29 18:09:16 linuxxx kernel: [ 0.000000] x86/fpu: Supporting XSAVE feature 0x002: '512-bit SSE registers'
```