

File Edit View Search Terminal Help

```

top - 11:14:14 up 16 min, 1 user, load average: 0,02, 0,08, 0,09
Tasks: 150 total, 1 running, 149 sleeping, 0 stopped, 0 zombie
%Cpu(s): 3,3 us, 0,3 sy, 0,0 ni, 96,3 id, 0,0 wa, 0,0 hi, 0,0 si, 0,0 st
MiB Mem : 2454,8 total, 913,8 free, 613,6 used, 927,5 buff/cache
MiB Swap: 806,1 total, 806,1 free, 0,0 used. 1657,4 avail Mem

```

PID	USER	PR	NI	VIRT	RES	SHR	S	%CPU	%MEM	TIME+	COMMAND
1075	bence	20	0	3272588	185124	110276	S	2,7	7,4	0:47.37	cinnamon
1594	bence	20	0	409404	55532	42428	S	0,7	2,2	0:05.85	gnome-system-mo
1630	root	20	0	0	0	0	I	0,3	0,0	0:00.11	kworker/0:0-ata_sff
<b>1681</b>	<b>bence</b>	<b>20</b>	<b>0</b>	<b>14728</b>	<b>4044</b>	<b>3544</b>	<b>R</b>	<b>0,3</b>	<b>0,2</b>	<b>0:00.04</b>	<b>top</b>
1	root	20	0	102020	11500	8452	S	0,0	0,5	0:00.69	systemd
2	root	20	0	0	0	0	S	0,0	0,0	0:00.00	kthreadd
3	root	0	-20	0	0	0	I	0,0	0,0	0:00.00	rcu_gp
4	root	0	-20	0	0	0	I	0,0	0,0	0:00.00	rcu_par_gp
6	root	0	-20	0	0	0	I	0,0	0,0	0:00.00	kworker/0:0H-kblockd
9	root	0	-20	0	0	0	I	0,0	0,0	0:00.00	mm_percpu_wq
10	root	20	0	0	0	0	S	0,0	0,0	0:00.12	ksoftirqd/0
11	root	20	0	0	0	0	I	0,0	0,0	0:00.12	rcu_sched
12	root	rt	0	0	0	0	S	0,0	0,0	0:00.00	migration/0
13	root	-51	0	0	0	0	S	0,0	0,0	0:00.00	idle_inject/0
14	root	20	0	0	0	0	S	0,0	0,0	0:00.00	cpuhp/0
15	root	20	0	0	0	0	S	0,0	0,0	0:00.00	kdevtmpfs
16	root	0	-20	0	0	0	I	0,0	0,0	0:00.00	netns
17	root	20	0	0	0	0	S	0,0	0,0	0:00.00	rcu_tasks_kthre
18	root	20	0	0	0	0	S	0,0	0,0	0:00.00	kauditd
19	root	20	0	0	0	0	S	0,0	0,0	0:00.00	khungtaskd
20	root	20	0	0	0	0	S	0,0	0,0	0:00.00	oom_reaper
21	root	0	-20	0	0	0	I	0,0	0,0	0:00.00	writeback



bence@bence-VirtualBox: ~

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To run a command as administrator (user "root"), use "sudo <command>".  
See "man sudo\_root" for details.

bence@bence-VirtualBox:~\$ vmstat

procs						-----memory-----			---swap--		-----io----		-system--			-----cpu-----			
r	b	swpd	free	buff	cache	si	so	bi	bo	in	cs	us	sy	id	wa	st			
1	0	0	953032	162204	784760	0	0	764	166	168	427	7	1	91	0	0			

bence@bence-VirtualBox:~\$



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bence@bence-VirtualBox: ~

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bence@bence-VirtualBox:~\$ vmstat

procs		-----memory-----				---swap--		-----io----		-system--		-----cpu-----				
r	b	swpd	free	buff	cache	si	so	bi	bo	in	cs	us	sy	id	wa	st
1	0	0	953032	162204	784760	0	0	764	166	168	427	7	1	91	0	0

bence@bence-VirtualBox:~\$ w

11:15:52 up 18 min, 1 user, load average: 0,10, 0,08, 0,09  
USER TTY FROM LOGIN@ IDLE JCPU PCPU WHAT  
bence tty7 :0 10:58 18:04 3.97s 0.22s cinnamon-sessio

bence@bence-VirtualBox:~\$



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bence@bence-VirtualBox: ~

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To run a command as administrator (user "root"), use "sudo <command>".  
See "man sudo\_root" for details.

bence@bence-VirtualBox:~\$ uname

Linux

bence@bence-VirtualBox:~\$ ps

PID	TTY	TIME	CMD
1841	pts/0	00:00:00	bash
1850	pts/0	00:00:00	ps

bence@bence-VirtualBox:~\$ free

	total	used	free	shared	buff/cache	available
Mem:	2513740	617456	937256	13292	959028	1710680
Swap:	825436	0	825436			

bence@bence-VirtualBox:~\$ iostat

Command 'iostat' not found, but can be installed with:

sudo apt install sysstat

bence@bence-VirtualBox:~\$ sar

Command 'sar' not found, but can be installed with:

sudo apt install sysstat

Monday, March 29, 2021



11:19

bence@bence-VirtualBox: ~

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bence@bence-VirtualBox: ~\$ top  
Linux 5.4.0-58-generic (bence-VirtualBox) 03/29/2021 \_x86\_64\_  
(1 CPU)

avg-cpu:	%user	%nice	%system	%iowait	%steal	%idle
	7,34	0,00	0,83	0,43	0,00	91,39

Device	tps	kB_read/s	kB_wrtn/s	kB_dscd/s	kB_read	kB_w
rtn						
sd	31,88	646,50	214,70	0,00	850967	282
597	0					

bence@bence-VirtualBox:~\$ sar

Cannot open /var/log/sysstat/sa29: No such file or directory  
Please check if data collecting is enabled

bence@bence-VirtualBox:~\$ mpstat

Linux 5.4.0-58-generic (bence-VirtualBox) 03/29/2021 \_x86\_64\_  
(1 CPU)

11:20:00 AM	CPU	%usr	%nice	%sys	%iowait	%irq	%soft	%steal	%guest
	%gnice	%idle							
11:20:00 AM	all	7,31	0,00	0,81	0,43	0,00	0,02	0,00	0,00
		0,00	91,44						

bence@bence-VirtualBox:~\$



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bence@bence-VirtualBox: ~

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bence@bence-VirtualBox: ~\$ pmap

#### Usage:

pmap [options] PID [PID ...]

#### Options:

-x, --extended show details  
-X show even more details  
WARNING: format changes according to /proc/PID/smaps  
-XX show everything the kernel provides  
-c, --read-rc read the default rc  
-C, --read-rc-from=<file> read the rc from file  
-n, --create-rc create new default rc  
-N, --create-rc-to=<file> create new rc to file  
NOTE: pid arguments are not allowed with -n, -N  
-d, --device show the device format  
-q, --quiet do not display header and footer  
-p, --show-path show path in the mapping  
-A, --range=<low>[,<high>] limit results to the given range  
  
-h, --help display this help and exit  
-V, --version output version information and exit

For more details see pmap(1).

bence@bence-VirtualBox: ~\$



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## Stress tests

CPU: All methods ▾

5 mins ▾

Workers: Auto ▾

Stop

Elapsed 0:00:12

Bogo Ops

BOPSUST

## ▼ Processor

Processor #0 ▶

Name AMD Ryzen 5 2600

Cores 1

Specification AMD Ryzen 5 2600 Six-Core Processor

Threads 1

Package ⓘ

Microcode 0x6000626

Bogomips 6799.98

Family 23 (17h)

Model 8 (8h)

Stepping 2 (2h)

Flags MMX, (+), SSE(1, 2, 3, 3S, 4.1, 4.2, 4A), AVX(1, 2), AES, CLMUL, RdRand, x86-64

More...

Bugs Fxsave Leak, Null Seg, Spec Store Bypass, Spectre V1, Spectre V2, Sysret Ss Attrs

More...

## ▼ Cache

L1 Data 1 x 32 KiB (32 KiB)

16-way

32 sets

L1 Inst. 1 x 64 KiB (64 KiB)

4-way

256 sets

Level 2 1 x 512 KiB (512 KiB)

8-way

1024 sets

Level 3 1 x 16 MiB (16 MiB)

16-way

16384 sets

