

TOP:

```
top - 16:15:48 up 5 min, 0 users, load average: 7.68, 3.97, 1.67
Tasks: 6 total, 1 running, 5 sleeping, 0 stopped, 0 zombie
%Cpu(s): 26.2 us, 21.0 sy, 23.9 ni, 8.9 id, 17.8 wa, 0.0 hi, 2.1 si, 0.0 st
MiB Mem : 32117.0 total, 26190.2 free, 1734.2 used, 4192.6 buff/cache
MiB Swap: 0.0 total, 0.0 free, 0.0 used. 28719.7 avail Mem
```

PID	USER	PR	NI	VIRT	RES	SHR	S	%CPU	%MEM	TIME+	COMMAND
7	user	38	18	927808	77736	32784	S	1.3	0.2	0:02.88	node
1	user	20	0	2492	600	532	S	0.0	0.0	0:00.01	tini
6	user	38	18	2608	608	536	S	0.0	0.0	0:00.00	sh
22	user	38	18	12176	6768	5936	S	0.0	0.0	0:00.00	sshd
405	user	38	18	7856	6008	3504	S	0.0	0.0	0:00.07	bash
437	user	38	18	7916	3776	3224	R	0.0	0.0	0:00.00	top

VMstat:

```
~$ vmstat
procs -----memory----- ---swap-- -----io----- -system-- -----cpu-----
 r b  swpd  free  buff  cache   si   so    bi   bo    in   cs us sy id wa st
 4 0      0 24899192 217420 4938516    0    0   478 1908 3822 6916 21 14 51 15  0
~$
```

W:

```
~$ w
16:20:49 up 10 min, 0 users, load average: 1.32, 3.34, 2.19
USER      TTY      FROM          LOGIN@  IDLE   JCPU   PCPU WHAT
~$
```

Uname:

```
~$ uname
Linux
~$
```

PS:

```
~$ ps -A
~$ ps -A
  PID TTY          TIME CMD
    1 ?           00:00:00 tini
    6 ?           00:00:00 sh
    7 ?           00:00:07 node
   22 ?           00:00:00 sshd
  405 pts/0      00:00:00 bash
  437 pts/0      00:00:00 top
  530 pts/1      00:00:00 bash
  593 pts/1      00:00:00 ps
~$
```

```

~$ ps -ejH
  PID   PGID   SID TTY          TIME CMD
    1     1     1 ?         00:00:00 tini
    6     6     1 ?         00:00:00  sh
    7     6     1 ?         00:00:08   node
   22     6     1 ?         00:00:00   sshd
  405   405   405 pts/0     00:00:00   bash
  437   437   405 pts/0     00:00:00    top
  530   530   530 pts/1     00:00:00   bash
  621   621   530 pts/1     00:00:00    ps
~$ █

```

free:

```

~$ free

              total        used        free      shared  buff/cache   available
Mem:        32887800    2926304    24393636        3792     5567860     28244700
Swap:         0              0              0
~$ █

```

iostat:

```

~$ iostat
Linux 5.4.0-1036-gcp (project-10b25b86-6988-44b7-99fb-15917097e2b5)    02/22/21    _x86_64_    (4 CPU)

avg-cpu:  %user   %nice %system %iowait  %steal   %idle
           15.05    2.63   11.63   14.47    0.00   56.22

Device            tps    kB_read/s    kB_wrtn/s    kB_dscd/s    kB_read    kB_wrtn    kB_dscd
loop0              1.89         2.25         0.00         0.00       1870         0         0
loop1              0.08         1.27         0.00         0.00       1060         0         0
loop2              0.08         1.30         0.00         0.00       1079         0         0
loop3             17.02        17.37         0.00         0.00      14456         0         0
loop4             20.35        20.70         0.00         0.00      17227         0         0
loop5              1.92         2.27         0.00         0.00       1892         0         0
loop6              0.10         1.32         0.00         0.00       1097         0         0
loop7              0.08         1.29         0.00         0.00       1075         0         0
sda              288.44       1217.52       9023.41      19582.54     1013089       7508293     16294437

```

mpstat:

```

~$ mpstat
Linux 5.4.0-1036-gcp (project-10b25b86-6988-44b7-99fb-15917097e2b5)    02/22/21    _x86_64_    (4 CPU)

16:25:20   CPU    %usr   %nice    %sys %iowait    %irq   %soft  %steal  %guest  %gnice   %idle
16:25:20   all    14.72    2.60   10.05   13.93    0.00    1.28    0.00    0.00    0.00   57.41
~$ █

```

pmap:

```
~$ 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).

```
~$ █
```