

## Welke processen draaien er

- welke processen zijn er gestart

1. log in met putty (ssh) op de betreffende vps
2. voer het onderstaande commando uit:

```
[root@vpsX ~]# ps -ef | less (doorgaan met spatie voor meer output, Q om te stoppen)
```

```
UID          PID    PPID  C  STIME TTY          TIME CMD
root           1      0  0  11:24 ?           00:00:04 /usr/lib/systemd/systemd --switched-root --system --deserialize 22
root           2      0  0  11:24 ?           00:00:00 [kthreadd]
root           3      2  0  11:24 ?           00:00:00 [ksoftirqd/0]
root           5      2  0  11:24 ?           00:00:00 [kworker/0:0H]
root           7      2  0  11:24 ?           00:00:00 [migration/0]
root           8      2  0  11:24 ?           00:00:00 [rcu_bh]
```

of

```
[root@vpsX ~]# ps -ef | grep httpd
```

```
root          1161      1  0  11:24 ?           00:00:00 /usr/sbin/httpd -DFOREGROUND
apache        2025    1161  0  11:25 ?           00:00:00 /usr/sbin/httpd -DFOREGROUND
apache        2026    1161  0  11:25 ?           00:00:00 /usr/sbin/httpd -DFOREGROUND
apache        2027    1161  0  11:25 ?           00:00:02 /usr/sbin/httpd -DFOREGROUND
apache        2028    1161  0  11:25 ?           00:00:02 /usr/sbin/httpd -DFOREGROUND
apache        2031    1161  0  11:25 ?           00:00:02 /usr/sbin/httpd -DFOREGROUND
apache        4892    1161  0  11:25 ?           00:00:02 /usr/sbin/httpd -DFOREGROUND
root          25113   3914  0  12:16 pts/0       00:00:00 grep --color=auto httpd
```

- welke processen gebruiken veel cpu en/of memory

1. log in met putty (ssh) op de betreffende vps
2. voer het onderstaande commando uit:

```
[root@vpsX ~]# top
```

```
top - 12:03:30 up 38 min,  1 user,  load average: 0.15, 0.20, 0.23
Tasks: 153 total,  4 running, 149 sleeping,  0 stopped,  0 zombie
%Cpu(s):  2.8 us,  0.8 sy,  0.0 ni, 96.1 id,  0.0 wa,  0.0 hi,  0.2 si,  0.0 st
KiB Mem : 1873044 total,  173348 free, 1062308 used,  637388 buff/cache
KiB Swap: 1081340 total, 1005052 free,  76288 used.  483548 avail Mem

PID   USER     PR  NI   VIRT   RES   SHR  S  %CPU  %MEM    TIME+  COMMAND
14854 forh1ja+ 20   0  597128 32708 11196 R   6.0  1.7   0:00.18 php-fpm
      1 root      20   0  128272  4420  2648 S   0.0  0.2   0:03.21 systemd
15453 ftp-mar+ 20   0  687912 59180 32060 S  22.9  3.2   0:00.95 php-fpm
```

15473	ftp-mar+	20	0	601152	54920	29064	S	22.9	2.9	0:00.69	php-fpm
15499	root	30	10	366360	28244	16332	S	8.3	1.5	0:00.25	sw-engine
15512	root	30	10	243092	21916	7956	S	7.6	1.2	0:00.23	pum_worker
15509	root	30	10	366372	28264	16352	S	5.6	1.5	0:00.17	sw-engine
15515	root	30	10	212272	17040	6472	R	4.3	0.9	0:00.13	yum
1878	mysql	20	0	1647960	150380	5968	S	3.7	8.0	0:21.14	mysqld

- **stop een verdacht process (veel cpu/mem, en het werkt niet goed)**

```
[root@vpsX ~]# kill -9 15515
```

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