

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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