
Subject: *SOLVED* Top on VEO
Posted by [youp](#) on Wed, 08 Nov 2006 14:03:35 GMT
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i try to search wich process consume my CPU

with the command top , i have 0% idle , 50% user and 47,3% system , but in the list of process , i can't see who ???

is there an other method ?

```
14:58:10 up 63 days, 18:32, 2 users, load average: 1.35, 1.70, 1.81
189 processes: 188 sleeping, 1 running, 0 zombie, 0 stopped
CPU states:  cpu  user  nice  system  irq  softirq  iowait  idle
              total 50.0%  0.0%  47.3%  0.0%   2.6%   0.0%   0.0%
Mem: 1033352k av, 1028596k used,  4756k free,    0k shrd,  8776k buff
     209376k active,          785416k inactive
Swap: 522104k av,  20120k used, 501984k free          833240k cached
```

```
PID USER  PRI NI  SIZE  RSS SHARE STAT %CPU %MEM  TIME CPU COMMAND
```

```
1 root    16  0 1508 360 1356 S   0.0 0.0  0:00 0 init
2 root    RT  0   0  0  0 SW   0.0 0.0  0:00 0 migration/0/0
3 root    39 19   0  0  0 SWN  0.0 0.0  0:00 0 ksoftirqd/0
4 root     5 -10  0  0  0 SW<  0.0 0.0  0:00 0 events/0
5 root     5 -10  0  0  0 SW<  0.0 0.0  0:00 0 khelper
6 root     5 -10  0  0  0 SW<  0.0 0.0  0:00 0 kacpid
16 root    5 -10  0  0  0 SW<  0.0 0.0  0:00 0 kblockd/0
```

vmstat 1 :

```
vmstat 1
procs          memory    swap      io    system    cpu
r b swpd free buff cache si so bi bo in cs us sy wa id
3 0 20120 8300 9640 821492 0 0 6 0 0 5 7 6 1 7
4 0 20120 8428 9644 822008 0 0 516 0 0 558 79 21 0 0
3 0 20120 7356 9664 822524 0 0 516 372 0 625 78 22 0 0
3 0 20120 7484 9664 823040 0 0 512 0 0 576 77 23 0 0
2 0 20120 14620 9676 823628 12 0 600 72 0 478 59 41 0 0
3 0 20120 14720 9688 824012 40 0 428 92 0 486 59 41 0 0
2 0 20120 13656 9688 824684 0 0 672 0 0 539 59 41 0 0
```

kernel is 2.6.8-022stab078-up on fedora core 1

thx

Subject: Re: Top on VE0

Posted by [Vasily Tarasov](#) on Thu, 09 Nov 2006 10:53:58 GMT

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Hmmm... do you have this in VE or on HN?

Thanks!

Subject: Re: Top on VE0

Posted by [youp](#) on Thu, 09 Nov 2006 11:50:23 GMT

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IN HW

Subject: Re: Top on VE0

Posted by [Vasily Tarasov](#) on Thu, 09 Nov 2006 12:08:55 GMT

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What about `ps aux` command? There is CPU% column... May be it fits you?

Subject: Re: Top on VE0

Posted by [youp](#) on Thu, 09 Nov 2006 12:12:17 GMT

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ok, i have no load now, i will test it later ,
thanks

Subject: Re: Top on VE0

Posted by [dev](#) on Thu, 09 Nov 2006 12:56:25 GMT

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the explanation can be very easy!

imagine some tasks, which spawns a child process, which does some job and exits. Parent spawns another one and so on.

In this case CPU consumption is 100%, but top can't catch these processes (they work very little time and exit), so top doesn't

show you any processes consuming the 99% CPU

An example of such situation is gcc compilation of some project. each file is compiled quite quickly.

AFAIR there was an option in top to show cumulative process time. At least there was such an option in ps.

Subject: Re: Top on VE0

Posted by [youp](#) on Thu, 09 Nov 2006 13:12:38 GMT

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yes there is there a possibility , but in my case, i don't think,
because the load is very long (hours) , and yesterday, i have restarted a httpd, mysql on HN and
strangely the load goes down. and nothing in top

Subject: Re: Top on VE0

Posted by [dev](#) on Fri, 10 Nov 2006 16:14:22 GMT

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the same can happen with http. if it runs some CGIs scripts or such things.
i.e. http itself consumes little CPU, but it's scripts...
