Subject: *SOLVED* Top on VE0

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
                      0 SW 0.0 0.0 0:00 0 migration/0/0
2 root
        RT 0
                0
                   0
                       0 SWN 0.0 0.0 0:00 0 ksoftirgd/0
3 root
        39 19
                0
        5 -10
                      0 SW< 0.0 0.0 0:00 0 events/0
4 root
               0 0
5 root
        5 -10
               0 0
                      0 SW< 0.0 0.0 0:00 0 khelper
                      0 SW< 0.0 0.0 0:00 0 kacpid
6 root
        5 -10
               0
                  0
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 b	uff cache	si	SO	bi	bo	in c	s us	s sy wa id	b
3	0	20120	8300	9640 821	492	0	0	6	0 0		5 7 6 1	7
4	0	20120	8428	9644 822	800	0	0	516	0	0 !	558 79 2°	1 0 0
3	0	20120	7356	9664 822	524	0	0	516	372	0	625 78 2	22 0 0
3	0	20120	7484	9664 823	040	0	0	512	0	0 !	576 77 2	3 0 0
2	0	20120	14620	9676 823	3628	12	0	600	72	0	478 59	41 0 0
3	0	20120	14720	9688 824	1012	40	0	428	92	0	486 59	41 0 0
2	0	20120	13656	9688 824	1684	0	0	672	0	0	539 59 4	1 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 cumulitive 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 restarded 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...