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Subject: \*SOLVED\* Cpulimit  
Posted by [sspt](#) on Wed, 27 Sep 2006 10:37:42 GMT  
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Hello,  
I've one vps limited to 14% but seems it's using a lot more resources:

```
[root@host0 ~]# vzlist 135 -o laverage,cpuunits,cpulimit
    LAVERAGE CPUUNI CPULIM
32.08/58.30/30.04 17857    14
```

Is it a bug or my mistake?

Thanks in advance,

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Subject: Re: Cpulimit  
Posted by [HaroldB](#) on Wed, 27 Sep 2006 11:32:24 GMT  
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What value makes you think the cpu usage is more than 14% of the HN's power?

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Subject: Re: Cpulimit  
Posted by [sspt](#) on Sun, 01 Oct 2006 10:16:27 GMT  
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The host node loads are about 32% with all other vps at 0% load

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Subject: Re: Cpulimit  
Posted by [HaroldB](#) on Sun, 01 Oct 2006 10:19:01 GMT  
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disregard the load value in this case. its not a metric that can be converted to cpu usage. load is basically the number of processes which are waiting for cpu time. instead you should look at /proc/vz/vestat to see cpu usage / cpu time per ve (check other threads for info here).

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Subject: Re: Cpulimit

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Posted by [sspt](#) on Sun, 01 Oct 2006 15:35:28 GMT

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It's working, tks

| PID   | USER | PR | NI | VIRT | RES | SHR | S | %CPU | %MEM | TIME+   | COMMAND    |
|-------|------|----|----|------|-----|-----|---|------|------|---------|------------|
| 26709 | root | 25 | 0  | 1936 | 960 | 284 | R | 10.6 | 0.0  | 0:07.00 | cpuburn-in |
| 26708 | root | 25 | 0  | 1936 | 960 | 284 | R | 10.2 | 0.0  | 0:07.04 | cpuburn-in |

But since i've limited it to 19% (392Mhz) shouldn't i get something like:

```
processor      : 1
vendor_id     : GenuineIntel
cpu family    : 15
model         : 6
model name    : Intel(R) Pentium(R) D CPU 2.80GHz
stepping      : 4
cpu MHz       : 532
```

```
Instead of
processor      : 1
vendor_id     : GenuineIntel
cpu family    : 15
model         : 6
model name    : Intel(R) Pentium(R) D CPU 2.80GHz
stepping      : 4
cpu MHz       : 2815.033
```

Regards,

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Subject: Re: Cpulimit

Posted by [Vasily Tarasov](#) on Wed, 04 Oct 2006 06:18:55 GMT

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No you shouldn't!

/proc/cpuinfo shows only information about real hardware processor(s). Its power is divided between VPSs in accordance with your settings.

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