
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,

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?

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

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).

Subject: Re: Cpulimit

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,

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.
