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Subject: Clock in VPS loosing time quickly  
Posted by [jarcher](#) on Sun, 04 May 2008 07:02:07 GMT  
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Hi All...

I am running OpenVZ on a Debian server, `uname -a` returns:

```
2.6.18-fza-5-amd64 #1 SMP Thu Nov 1 16:15:07 UTC 2007 x86_64 GNU/Linux
```

I am finding that my VPSs lose time very quickly. I have tried installing an NTP client but this does not seem to work properly. Is there a recommended way to keep my clocks set properly?

Thanks...

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Subject: Re: Clock in VPS loosing time quickly  
Posted by [Kirill Korotaev](#) on Sun, 04 May 2008 07:19:50 GMT  
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1. plz check that host time screws up quickly as well.
2. check `dmesg` on boot and find what timesource was selected by kernel on boot. most likely you need to boot with someother timesource like `tsc` or `hpet`.

Thanks,  
Kirill

Jim Archer wrote:

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>  
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> Thanks...  
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Subject: Re: Clock in VPS loosing time quickly  
Posted by [jarcher](#) on Sun, 04 May 2008 07:23:48 GMT

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Hi Kirill, thanks very much for the quick reply. The host system's clock is dead on because the host system runs NTP. Its just the VPSs that get messed up.

--On Sunday, May 04, 2008 11:19 AM +0400 Kirill Korotaev <dev@parallels.com> wrote:

> 1. plz check that host time screws up quickly as well.  
> 2. check dmesg on boot and find what timesource was selected by kernel on  
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> Jim Archer wrote:  
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>>  
>>

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Subject: Re: Clock in VPS loosing time quickly  
Posted by [kir](#) on Sun, 04 May 2008 14:46:24 GMT  
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Can you issustrate that? I.e. give us the output of "date; vzctl exec NNN date" and the same after a few minutes/hours.

May it be that your VE have a different time zone than a host system?

Jim Archer wrote:

> Hi Kirill, thanks very much for the quick reply. The host system's  
> clock is dead on because the host system runs NTP. Its just the VPSs

> that get messed up.  
>  
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Subject: cpulimits doesn't work  
Posted by [Zhaohui Wang](#) on Mon, 05 May 2008 00:32:35 GMT  
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Hi All

I am trying to measure the cpu resource management functionality, and I set cpulimit to 2 by  
Vzctl set 101 --cpulimit 2 --save

And try run super\_pi cpu intensive program in ve 101, I should expect the time to be extended by  
50 times at least (if not 400 times)

Because the test is on a 2 Xeon 5345 quad core system(8 cores altogether).

But I got the same result as I ran super\_pi on ve0 directly.

One more thing that I don't understand is when I use  
vzlist 101 -o leverage,cpuunits,cpulimit  
the output is

LAVERAGE CPUUNI CPULIM  
0.00/0.00/0.00 500 1

Can any one clarify why CPULIM here is 1?and always reduced by 1 comparing to the one that I used in the vzctl set --cpulimit XXX?and what is the meaning if it is a 0 here.

Thanks in advance.

Best Regards  
Zhaohui Wang

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Subject: Re: cpulimits doesn't work  
Posted by [kir](#) on Tue, 06 May 2008 11:19:03 GMT  
[View Forum Message](#) <> [Reply to Message](#)

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Zhaohui Wang wrote:

> Hi All

>

> I am trying to measure the cpu resource management functionality,and I set cpulimit to 2 by  
> Vzctl set 101 --cpulimit 2 --save

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> Because the test is on a 2 Xeon 5345 quad core system(8 cores altogether).

>

> But I got the same result as I ran super\_pi on ve0 directly.

>

Could you please tell us the version of the OpenVZ kernel that you use?

---

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Subject: RE: cpulimits doesn't work  
Posted by [Zhaohui Wang](#) on Tue, 06 May 2008 17:19:55 GMT  
[View Forum Message](#) <> [Reply to Message](#)

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Hi

Thanks for the reply.

I am running ovz004 version on a vanilla 2.6.24 kernel.

Any other information you need?

Best Regards  
Zhaohui Wang

> -----Original Message-----  
> From: users-bounces@openvz.org [mailto:users-bounces@openvz.org] On  
> Behalf Of Kir Kolyshkin  
> Sent: Tuesday, May 06, 2008 7:19 AM  
> To: users@openvz.org  
> Subject: Re: [Users] cpulimits doesn't work  
>  
>  
> Zhaohui Wang wrote:  
> > Hi All  
> >  
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> > Could you please tell us the version of the OpenVZ kernel that you use?  
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---

Subject: RE: cpulimits doesn't work  
Posted by [Zhaohui Wang](#) on Tue, 06 May 2008 17:59:19 GMT  
[View Forum Message](#) <> [Reply to Message](#)

The utils are the latest source and compiled by me, that's vzctl 3.0.22 and vzquota 3.0.11, respectively.

Best Regards  
Zhaohui Wang

> -----Original Message-----  
> From: users-bounces@openvz.org [mailto:users-bounces@openvz.org] On  
> Behalf Of Zhaohui Wang

> Sent: Tuesday, May 06, 2008 1:20 PM  
> To: users@openvz.org  
> Subject: RE: [Users] cpulimits doesn't work  
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>  
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> Hi  
> Thanks for the reply.  
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---

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Subject: RE: cpulimits doesn't work  
Posted by [Zhaohui Wang](#) on Tue, 06 May 2008 22:12:54 GMT  
[View Forum Message](#) <> [Reply to Message](#)

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It's a x64 bit system,config\_vz\_fairshed is set to y.

Best Regards  
Zhaohui Wang

> -----Original Message-----

> From: users-bounces@openvz.org [mailto:users-bounces@openvz.org] On

> Behalf Of Zhaohui Wang

> Sent: Tuesday, May 06, 2008 1:59 PM

> To: users@openvz.org

> Subject: RE: [Users] cpulimits doesn't work

>

> The utils are the latest source and compiled by me, that's vzctl

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> Best Regards

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---

Subject: Re: cpulimits doesn't work  
Posted by [kir](#) on Thu, 15 May 2008 11:37:27 GMT  
[View Forum Message](#) <> [Reply to Message](#)

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In 2.6.24, we switched from our in-house scheduler to the scheduler available in the kernel. Thus cpulimit is not implemented (yet). We plan to work on that sooner or later, but don't hold your breath.

Zhaohui Wang wrote:  
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> Thanks for the reply.  
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