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Subject: CPULIMIT problem

Posted by [Save](#) on Sun, 29 Nov 2009 12:13:55 GMT

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Hello,

I'm having a strange problem with OpenVZ. cpunits works right, but cpulimit doesn't.

For example, if I set 10% cpulimit on a container, when I execute CPU-intensive script on that container, it seems to be limited at 1%

I've done some test, here is the results:

CPULIMIT->real limit

```
10    -> 1
20   -> 2
30   -> 4
40   -> 6
50   -> 10
60   -> 12
70   -> 17
80   -> 25
90   -> 43
95   -> 62
100  -> 100
```

cpuinfo:

```
processor      : 0
vendor_id     : GenuineIntel
cpu family    : 6
model         : 9
model name    : Intel(R) Pentium(R) M processor 1500MHz
stepping      : 5
cpu MHz       : 1496.328
cache size    : 1024 KB
fdiv_bug      : no
hlt_bug       : no
f00f_bug      : no
coma_bug      : no
fpu           : yes
fpu_exception : yes
cpuid level   : 2
wp            : yes
flags         : fpu vme de pse tsc msr mce cx8 mtrr pge mca cmov pat clflush dts acpi mmx fxsr
sse sse2 tm pbe up est tm2
bogomips     : 2992.65
```

uname -a

```
2.6.18-164.2.1.el5.028stab066.7 #1 SMP Thu Nov 26 06:53:20 MSK 2009 i686 i686 i386
```

GNU/Linux  
(CentOS)

If I set (for example):

`cpulimit 40%` on CT101

`cpulimit 60%` on CT102

It works right. (only when  $CT101+CT102=100$ )

Thank's in advance!

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