

---

Subject: i have some problem . need some help  
Posted by [Nabil taha](#) on Tue, 09 Mar 2010 12:10:45 GMT  
[View Forum Message](#) <> [Reply to Message](#)

---

Hi all

now i have problem in

vzcpucheck

ERROR: VE0 CPU units not set, or set too high!

Probably you have not started /etc/init.d/vz

How to fix this problem?

Configuration:

vz.conf: VE0CPUUNITS=75000

101.conf: CPUUNITS="1000"

102.conf: CPUUNITS="1000"

103.conf: CPUUNITS="1000"

104.conf: CPUUNITS="1000"

105.conf: CPUUNITS="1000"

106.conf: CPUUNITS="1000"

107.conf: CPUUNITS="1000"

108.conf: CPUUNITS="1000"

109.conf: CPUUNITS="1000"

cat /proc/cpuinfo | grep bogomips

bogomips : 5999.31

bogomips : 5999.28

bogomips : 5999.25

bogomips : 5999.33

cat /proc/fairsched

Version: 2.6 debug

veid	id	parent	weight	rate	tasks	run	cpus	flg	ready	start_tag	value
0	0	0	1	0	274	4	1 ..	1	85452778666179	0	
0	0	2147483647	0	1	0	274	4	1 ..	1	85452778666179	0
0	100	0	500	4096	242	0	0 L.	0	85429636024365		
244169441280	100	0	500	4096	242	0	0 L.	0	85429636024365		
244169441280	100	1	0	500	4096	242	0	0 L.	0	85429636024365	
244169441280	0	120	0	500	4096	165	0	0 L.	0	85428452236365	
244169441280	120	0	120	500	4096	165	0	0 L.	0	85428452236365	
244169441280	120	1	0	500	4096	165	0	0 L.	0	85428452236365	

244169441280	0										
0	130	0	500	4096	47	0	0	L.	0	85434338660265	
244169441280	0										
130	0	130	500	4096	47	0	0	L.	0	85434338660265	
244169441280	0										
130	1	0	500	4096	47	0	0	L.	0	85434338660265	
244169441280	0										
0	140	0	500	4096	64	0	0	L.	0	85269246713082	
244169441280	0										
140	0	140	500	4096	64	0	0	L.	0	85269246713082	
244169441280	0										
140	1	0	500	4096	64	0	0	L.	0	85269246713082	
244169441280	0										
0	150	0	500	4096	70	0	0	L.	0	85355720563365	
244169441280	0										
150	0	150	500	4096	70	0	0	L.	0	85355720563365	
244169441280	0										
150	1	0	500	4096	70	0	0	L.	0	85355720563365	
244169441280	0										
0	160	0	500	4096	63	0	0	L.	0	85431293090865	
244169441280	0										
160	0	160	500	4096	63	0	0	L.	0	85431293090865	
244169441280	0										
160	1	0	500	4096	63	0	0	L.	0	85431293090865	
244169441280	0										
0	170	0	500	4096	64	1	1	L.	1	85453957881765	
203187382272	0										
170	0	170	500	4096	64	1	1	L.	1	85453957881765	
203187382272	0										
170	1	0	500	4096	64	1	1	L.	1	85453957881765	
203187382272	0										
0	180	0	500	4096	40	0	0	L.	0	84899862283536	
244169441280	0										
180	0	180	500	4096	40	0	0	L.	0	84899862283536	
244169441280	0										
180	1	0	500	4096	40	0	0	L.	0	84899862283536	
244169441280	0										
0	200	0	500	4096	50	0	0	L.	0	85310906809482	
244169441280	0										
200	0	200	500	4096	50	0	0	L.	0	85310906809482	
244169441280	0										
200	1	0	500	4096	50	0	0	L.	0	85310906809482	
244169441280	0										
0	7473	0	500	4096	83	0	0	L.	0	85427573125365	
244169441280	0										
7473	0	7473	500	4096	83	0	0	L.	0	85427573125365	
244169441280	0										
7473	1	0	500	4096	83	0	0	L.	0	85427573125365	

```

244169441280      0
      0 7483      0 500 2048 37 0 0 L. 0 85427697937365
244169441280      0
      7483      0 7483 500 2048 37 0 0 L. 0 85427697937365
244169441280      0
      7483      1 0 500 2048 37 0 0 L. 0 85427697937365
244169441280      0
      0 300      0 500 4096 161 0 0 L. 0 85355569863882
244169441280      0
      300      0 300 500 4096 161 0 0 L. 0 85355569863882
244169441280      0
      300      1 0 500 4096 161 0 0 L. 0 85355569863882
244169441280      0
      0 400      0 500 4096 111 0 0 L. 0 85404009068865
244169441280      0
      400      0 400 500 4096 111 0 0 L. 0 85404009068865
244169441280      0
      400      1 0 500 4096 111 0 0 L. 0 85404009068865
244169441280

```

cat /proc/fairsched2

Version: 2.7 debug

id	weight	rate	run	cpus	flg	ready	start_tag	value	delay
2147483647	1	0	2	1	..	2	35927653322385	0	0
100	500	4096	0	0	L.	0	35927883158211	244169441280	0
120	500	4096	0	0	L.	0	35952730817211	244169441280	0
130	500	4096	0	0	L.	0	35565263551269	244169441280	0
140	500	4096	0	0	L.	0	35934213023604	244169441280	0
150	500	4096	0	0	L.	0	35875401178104	244169441280	0
160	500	4096	0	0	L.	0	35926365685104	244169441280	0
170	500	4096	0	0	L.	0	35958350718711	244169441280	0
180	500	4096	0	0	L.	0	35588395495269	244169441280	0
200	500	4096	0	0	L.	0	35642174172669	244169441280	0
7473	500	4096	0	0	L.	0	35899053484104	244169441280	0
7483	500	2048	0	0	L.	0	35326964814165	244169441280	0
300	500	4096	0	0	L.	0	35846061860304	244169441280	0
400	500	4096	0	0	L.	0	35958835413711	244169441280	0

uname -a

Linux vps.server.com 2.6.18-164.2.1.el5.028stab066.10 #1 SMP Sat Dec 12 18:52:53 MSK 2009  
x86\_64 x86\_64 x86\_64 GNU/Linux

---

Subject: Re: i have some problem . need some help  
Posted by [maratrus](#) on Fri, 12 Mar 2010 14:46:59 GMT

Hello,

the situation that you have described and output that you have provided confuse me a lot.  
The problem is in the following:

Quote:

```
cat /proc/fairsched
```

```
...  
0 2147483647      0   1   0 274   4   1 ..   1   85452778666179      0  
  0  
...
```

Normally "weight" can't equal to 1. That means either VE0CPUUNITS are high or vz service is not started. But according to your output neither VE0CPUUNITS are high nor vz-service is not started.

I examined vzctl source code and found that weight is calculated according to formula

```
int cpuweigh;
```

```
cpuweight = MAXCPUUNITS / cpuunits;
```

where

```
#define MAXCPUUNITS 500000
```

In your case cpuweight must equal to (int)(500000/75000) which is not equal to 1.  
So I'm at a loss at the moment.

Please make sure that VE0CPUUNITS are set correctly (the value is not equal to 750000). Then restart vz service:

```
# /etc/init.t/vz restart
```

---