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

Posted by [VLAD_X](#) on Tue, 15 Jan 2008 05:54:39 GMT

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```
# vzcpucheck
ERROR: VE0 CPU units not set, or set too high!
Probably you have not started /etc/init.d/vz
```

```
vz.conf: VE0CPUUNITS=360000
101.conf: CPUUNITS="96000"
102.conf: CPUUNITS="72000"
103.conf: CPUUNITS="192000"
```

```
# cat /proc/cpuinfo | grep bogomips
```

```
bogomips      : 4803.81
bogomips      : 4800.59
bogomips      : 4800.47
bogomips      : 4800.57
```

```
# 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	75	0	1	..	1	62692304913027	0	
0	0	2147483647	0	1	0	75	0	1	..	1	62692304913027	0
0	101	0	5	0	11	0	0	..	0	62691682250367	0	
0	101	0	101	5	0	11	0	0	..	0	62691682250367	0
0	101	1	0	5	0	11	0	0	..	0	62691682250367	0
0	0	102	0	6	0	14	0	0	..	0	62692258034169	0
0	102	0	102	6	0	14	0	0	..	0	62692258034169	0
0	102	1	0	6	0	14	0	0	..	0	62692258034169	0
0	0	103	0	2	0	14	0	0	..	0	62691378009588	0
0	103	0	103	2	0	14	0	0	..	0	62691378009588	0
0	103	1	0	2	0	14	0	0	..	0	62691378009588	0

```
# cat /proc/fairsched2
```

```
Version: 2.7 debug
```

id	weight	rate	run	cpus	flg	ready	start_tag	value	delay
2147483647	1	0	1	1	..	1	62692309645839	0	0
101	5	0	0	0	..	0	62691682446747	0	0
102	6	0	0	0	..	0	62692258235643	0	0
103	2	0	0	0	..	0	62691378177096	0	0

```
# uname
```

```
Gentoo Linux 2.6.18-028stab051 #6 SMP x86_64 Intel(R) Core(TM)2 Quad CPU @ 2.40GHz  
GenuineIntel GNU/Linux
```

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

Posted by [vaverin](#) on Wed, 16 Jan 2008 05:57:41 GMT

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VLAD_X wrote on Tue, 15 January 2008 08:54# vzcpucheck

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

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

```
vz.conf: VE0CPUUNITS=360000
```

```
101.conf: CPUUNITS="96000"
```

```
102.conf: CPUUNITS="72000"
```

```
103.conf: CPUUNITS="192000"
```

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

Posted by [VLAD_X](#) on Wed, 16 Jan 2008 06:35:56 GMT

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

Posted by [vaverin](#) on Wed, 16 Jan 2008 06:54:05 GMT

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

Posted by [vaverin](#) on Wed, 16 Jan 2008 07:03:41 GMT

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

Posted by [maratrus](#) on Wed, 16 Jan 2008 07:23:15 GMT

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

Posted by [VLAD_X](#) on Wed, 16 Jan 2008 09:34:09 GMT

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vzctl version 3.0.22

vz.conf:

VE0CPUUNITS=24000

vzcpucheck

Current CPU utilization: 25000 (5%)

Power of the node: 480075

101.conf: CPUUNITS="72000" (15%)

102.conf: CPUUNITS="48000" (10%)

103.conf: CPUUNITS="96000" (20%)

(50%)

vzcpucheck

Current CPU utilization: 258333

Power of the node: 480075

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

Posted by [vaverin](#) on Thu, 17 Jan 2008 05:11:45 GMT

fairsched).

http://forum.openvz.org/index.php?t=msg&goto=25224&&srch=CPUUNITS#msg_25224

Subject: Re: vzcpucheck: ERROR: VE0 CPU units not set, or set too high!
Posted by [VLAD_X](#) on Thu, 17 Jan 2008 18:57:10 GMT
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```
vz.conf: VE0CPUUNITS=200000
101.conf: CPUUNITS="60000"
102.conf: CPUUNITS="40000"
103.conf: CPUUNITS="80000"
```

```
# vzcpucheck -v
VEID      CPUUNITS
-----
0         250000
101       62500
102       41666
103       83333
Current CPU utilization: 437499
Power of the node: 480075
```

200000.

CPUUNITS?

Subject: Re: vzcpucheck: ERROR: VE0 CPU units not set, or set too high!
Posted by [vaverin](#) on Fri, 18 Jan 2008 05:51:19 GMT
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CPUUNITS?

$$\frac{\text{VE's Mhz guarantee}}{\text{Total Mhz on the Node CPUs}} = \frac{\text{VE's CPUUNITS}}{\text{Power_of_the_node}}$$

$$\text{VE's Mhz guarantee} = \text{VE's CPUUNITS} * \frac{\text{Mhz on Node CPUs}}{\text{Power_of_the_node}}$$

