
Subject: Memory availale/reported by VE ...

Posted by [Dariush Pietrzak](#) on Mon, 28 Jan 2008 09:37:54 GMT

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Hello,

I tried to set memory limits for VE to 12G, but my VE is reporting something like this:

	total	used	free	shared	buffers	cached
Mem:	7271856	6651672	620184	0	0	0
-/+ buffers/cache:		6651672	620184			
Swap:	0	0	0			

vzmemcheck says:

veid	LowMem	LowMem	RAM	MemSwap	MemSwap	Alloc	Alloc	Alloc
	util	commit	util	commit	util	commit	limit	
2080	2.33	52.50	34.13	30.92	50.71	50.55	50.71	78.80

...

and config looks like this:

```
..
VMGUARPAGES="1060277:9223372036854775807"
# Secondary parameters
KMEMSIZE="1241063424:1365169766"
TCPSNDBUF="289587200:413687808"
TCPRCVBUF="289587200:413687808"
OTHERSOCKBUF="144793600:268894208"
DGRAMRCVBUF="144793600:144793600"
OOMGUARPAGES="1060277:9223372036854775807"
PRIVVMPAGES="1817964:1999760"
```

...

i tried increasing KMEMSIZE:

```
# vzctl set 2080 --kmemsize 449835008:682584883 --save
```

```
# vzctl set 2080 --kmemsize 2082126848:2130339532 --save
```

and even vmguarpages:

```
# vzctl set 2080 --vmguarpages 1617964:9223372036854775807 --save
```

but this doesn't change reported available memory...

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Key fingerprint = 40D0 9FFB 9939 7320 8294 05E0 BCC7 02C4 75CC 50D9

Total Existance Failure
