
Subject: Re: Bandwidth limiting crashes the machine
Posted by [eugenio pacheco](#) on Thu, 04 May 2006 09:48:55 GMT
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I'm very sorry about that, I completely forgot the kernel, here goes all information on the machine:

```
[root@t248 ~]# uname -a
Linux t248.1paket.com 2.6.8-022stab072.2 #1 Mon Mar 20 14:19:14 MSK 2006 i686 i686 i386
GNU/Linux
```

```
[root@t248 ~]# vzlist
  VPSID   NPROC STATUS IP_ADDR    HOSTNAME
  101     73 running x.x.x.x    x
  102     66 running x.x.x.x    x
  103     23 running x.x.x.x    x
```

```
[root@t248 ~]# vzmemcheck
```

Output values in %

LowMem	LowMem	RAM	MemSwap	MemSwap	Alloc	Alloc	Alloc
util	commit	util	util	commit	util	commit	limit
1.57	28.58	15.31	15.31	28.04	81.91	28.04	194.86

```
[root@t248 ~]# vzmemcheck -A
```

Output values in Mbytes

LowMem	LowMem	RAM	MemSwap	MemSwap	Alloc	Alloc	Alloc
util	commit	util	util	commit	util	commit	limit
5.12	93.45	153.22	153.22	280.68	819.98	280.68	1950.67
326.00	326.00	1001.00	1001.00	1001.00	1001.00	1001.00	1001.00

```
[root@t248 ~]# vzmemcheck -Av
```

Output values in Mbytes

veid	LowMem	LowMem	RAM	MemSwap	MemSwap	Alloc	Alloc	Alloc
	util	commit	util	util	commit	util	commit	limit
101	2.86	34.33	57.65	57.65	96.74	187.33	96.74	659.33
102	1.18	24.79	58.94	58.94	87.20	495.98	87.20	845.11
103	1.09	34.33	36.64	36.64	96.74	136.68	96.74	446.24

Summary: 5.12 93.45 153.22 153.22 280.68 819.98 280.68 1950.67
326.00 326.00 1001.00 1001.00 1001.00 1001.00 1001.00 1001.00

```
[root@t248 ~]# vzcpucheck
```

Current CPU utilization: 42664

Power of the node: 151267

```
[root@t248 ~]# cat /proc/cpuinfo
```

```
processor      : 0
vendor_id     : GenuineIntel
cpu family    : 15
model         : 4
model name    : Intel(R) Celeron(R) CPU 3.06GHz
stepping      : 1
cpu MHz       : 3061.389
cache size    : 256 KB
fdiv_bug      : no
```

hlt_bug : no
f00f_bug : no
coma_bug : no
fpu : yes
fpu_exception : yes
cpuid level : 5
wp : yes
flags : fpu vme de pse tsc msr pae mce cx8 apic sep mtrr pge mca cmov
pat pse36 clflush dts acpi mmx fxsr sse sse2 ss ht tm pbe pn1 monitor ds_cpl cid
bogomips : 6045.69

Also, if someone could please let me know where the virtual memory comes from I would much appreciate, for when I run `vzmemcheck -Av` it shows limit numbers at the bottom, and it shows that the limit on my server for alloc util is 1001, same as RAM, but the RAM is way underused, so the question is, can I use more alloc memory than 1001 or it is limited as the RAM is?

Thanks for all your help.

Regards,

Eugenio Pacheco
