
Subject: memory problem

Posted by [Soldatov Dmitry](#) on Wed, 18 Apr 2007 12:05:43 GMT

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```
[root@rh0 dv]# vzmemcheck -v
```

```
Output values in %
```

```
veid LowMem LowMem RAM MemSwap MemSwap Alloc Alloc Alloc
```

```
util commit util util commit util commit limit
```

```
1028 0.09 25.92 0.74 0.46 7.50 2.42 7.50 13.83
```

```
1001 0.37 46.25 1.85 1.14 12.49 3.43 12.49 18.83
```

```
-----  
Summary: 0.45 72.16 2.60 1.59 19.99 5.86 19.99 32.66
```

```
[root@rh0 dv]# vzctl enter 1001
```

```
entered into VE 1001
```

```
-bash: pipe error: Cannot allocate memory
```

```
-bash-3.1#
```

```
inside VPS (logged in before memory problems):
```

```
[700353@h0001 700353]$ top
```

```
bash: start_pipeline: pgrp pipe: Cannot allocate memory
```

```
bash: top: command not found
```

```
[700353@h0001 ~]$ ps auxw
```

```
/proc/self/stat: Cannot allocate memory
```

```
inside host:
```

```
[root@rh0 vz]# cat ./vestat
```

```
Version: 2.2
```

```
VEID user nice system uptime idle strv uptime used maxlat totlat numsched
```

```
1001 50392 343 14125 7922942 94838940488033 0 23766049873942
```

```
203406018536 0 0 0
```

```
1028 8900 0 18286 201038265 2411830220100997 0 603043235696062
```

```
301978099005 0 0 0
```

```
[root@rh0 vz]# cat ./vzquota
```

```
qid: path usage softlimit hardlimit time expire
```

```
1028: /vz/private/1028
```

```
1k-blocks 4869664 21474836480 21474836480 0 259200
```

```
inodes 52147 442799 487079 0 259200
```

```
1001: /vz/private/1001
```

```
1k-blocks 1670104 21474836480 21474836480 0 259200
```

```
inodes 81303 442799 487079 0 259200
```

```
[root@rh0 proc]# cat ./user_beauncounters_sub
```

```
Version: 2.5
```

```
uid resource held maxheld barrier limit failcnt
```

```
...
```

```
1001: kmemsize 5644891 16417987 744488960 754974720 0
```

```
lockedpages 0 5 410 410 0
```

```
privvmpages 54706 123048 111270 122397 597042
shmpages 658 4018 11127 11127 0
dummy 0 0 0 0 0
numproc 50 181 204 204 0
physpages 17150 69819 0 9223372036854775807 0
vmguarpages 0 0 18545 9223372036854775807 0
oomguarpages 17150 69819 18545 9223372036854775807 0
numtcpsock 7 68 204 204 0
numflock 5 20 326 358 0
numpty 2 7 20 20 0
numsiginfo 0 34 1024 1024 0
tcpsndbuf 79696 757112 1963491 2799075 0
tcprcvbuf 114688 578712 1963491 2799075 0
othersockbuf 170872 507168 981745 1817329 0
dgramrcvbuf 0 16976 981745 981745 0
numothersock 121 204 204 204 93
dcachesize 1820178 1871195 1825304 1880064 680879
numfile 1246 3176 3264 3264 0
dummy 0 0 0 0 0
dummy 0 0 0 0 0
dummy 0 0 0 0 0
numiptent 10 10 40 40 0
```

what is the problem?

i've created this VPS # 1001 with
vzctl set 1001 --kmemsize 750M --save

do i have to increase "dcachesize" value manually?

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