
Subject: Re: memory problem

Posted by [dev](#) on Wed, 18 Apr 2007 12:26:27 GMT

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Dvorkin Dmitry wrote:

```
> [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_beancounters_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?
sure, you have changed kmemsize limit only.
dcachesize limit is too tight and should be increased.
```

Thanks,
Kirill
