Subject: Cannot allocate memory
Posted by flashweb on Sat, 07 May 2011 19:27:50 GMT
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I have created a new centos-5-x86_64-minimal VPS.

When i try enter, i get error

```
[root@server12 ~]# vzctl enter 233
entered into CT 233
-bash: /etc/profile: Cannot allocate memory
-bash: /root/.bash_profile: Cannot allocate memory
-bash-3.1#
-bash-3.1# free -m
-bash: start_pipeline: pgrp pipe: Cannot allocate memory
-bash: free: command not found
-bash-3.1#
```

I have another Ubuntu VPS on this server, that work properly. I stop Ubuntu VPS and start this new CentOS VPS as both use same IP. Only CentOS VPS give this Memory error.

VPS configuration for CentOS VPS is

```
[root@server12 ~]# cat /etc/vz/conf/233.conf
#  Copyright (C) 2000-2009, Parallels, Inc. All rights reserved.
#
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#
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#  along with this program; if not, write to the Free Software
#  Foundation, Inc., 59 Temple Place, Suite 330, Boston, MA  02111-1307  USA
#

ONBOOT="no"

# UBC parameters (in form of barrier:limit)
```

```
KMEMSIZE="60000000:60000000"
LOCKEDPAGES="256:256"
PRIVVMPAGES="900000:900000"
SHMPAGES="21504:21504"
NUMPROC="1000:1000"
PHYSPAGES="0:9223372036854775807"
VMGUARPAGES="33792:9223372036854775807"
OOMGUARPAGES="26112:9223372036854775807"
NUMTCPSOCK="500:500"
NUMFLOCK="188:206"
NUMPTY="16:16"
NUMSIGINFO="256:256"
TCPSNDBUF="20000000:35000000"
TCPRCVBUF="20000000:35000000"
OTHERSOCKBUF="1126080:2097152"
DGRAMRCVBUF="262144:262144"
NUMOTHERSOCK="360:360"
DCACHESIZE="3409920:3624960"
NUMFILE="9312:9312"
AVNUMPROC="180:180"
NUMIPTENT="128:128"

# Disk quota parameters (in form of softlimit:hardlimit)
DISKSPACE="104857600:115343360"
DISKINODES="25000000:30000000"
QUOTATIME="0"

# CPU fair sheduler parameter
CPUUNITS="1000"

VE_ROOT="/vz/root/$VEID"
VE_PRIVATE="/vz/private/$VEID"
OSTEMPLATE="centos-5-x86_64-minimal"
ORIGIN_SAMPLE="basic"
IP_ADDRESS="174.36.130.247"
HOSTNAME="alex.localhost"
NAMESERVER="8.8.8.8"
[root@server12 ~]#
```

free -m on node (server that hosts vps)

```
[root@server12 ~]# free -m
             total       used       free     shared    buffers     cached
Mem:          7972       7850        121          0        128       6348
-/+ buffers/cache:       1373       6598
```

Swap: 1027 0 1027
[root@server12 ~]#

OS/kernal

[root@server12 ~]# cat /etc/*release
Red Hat Enterprise Linux Server release 5.6 (Tikanga)
[root@server12 ~]# uname -a
Linux server12.hosthat.com 2.6.18-238.5.1.el5.028stab085.5 #1 SMP Thu Apr 14 15:42:34 MSD 2011 x86_64 x86_64 x86_64 GNU/Linux
[root@server12 ~]#

This is a bug or CentOS (centos-5-x86_64-minimal) need memory run than Ubuntu VPS (ubuntu-10.04-x86_64) ?

Anyone know how to fix this ?
