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Subject: VM Creation issues. Seems like a quota problem just not sure where.  
Posted by [Mark Johanson](#) on Sun, 05 Aug 2012 17:42:31 GMT

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Having some troubles getting vm's to build on select servers. The servers that are having issues with this template are 2.6.32 vs 2.6.18 kernels. Under the 2.6.18 kernel this template builds just fine. With a 2.6.32 kernel I get the following:

```
2012-08-05T11:46:51-0400 vzctl : CT 1884 : Creating container private
area (centos-6-cpanel-default)
2012-08-05T11:50:10-0400 vzctl : CT 1884 : Creation of container private
area failed
2012-08-05T11:50:10-0400 vzctl : CT 1884 : Container config file does
not exist
2012-08-05T11:50:10-0400 vzctl : CT 1884 : Warning: distribution not
specified in CT config, using defaults from /etc/vz/dists/default
2012-08-05T11:50:10-0400 vzctl : CT 1884 : Error: required UB parameter
kmemsize not set
2012-08-05T11:50:10-0400 vzctl : CT 1884 : Error: required UB parameter
lockedpages not set
2012-08-05T11:50:10-0400 vzctl : CT 1884 : Error: required UB parameter
privvmpages not set
2012-08-05T11:50:10-0400 vzctl : CT 1884 : Error: required UB parameter
shmpages not set
2012-08-05T11:50:10-0400 vzctl : CT 1884 : Error: required UB parameter
numproc not set
2012-08-05T11:50:10-0400 vzctl : CT 1884 : Error: required UB parameter
physpages not set
2012-08-05T11:50:10-0400 vzctl : CT 1884 : Error: required UB parameter
vmguarpages not set
2012-08-05T11:50:10-0400 vzctl : CT 1884 : Error: required UB parameter
oomguarpages not set
2012-08-05T11:50:10-0400 vzctl : CT 1884 : Error: required UB parameter
numtcpsock not set
2012-08-05T11:50:10-0400 vzctl : CT 1884 : Error: required UB parameter
numflock not set
2012-08-05T11:50:10-0400 vzctl : CT 1884 : Error: required UB parameter
numpty not set
2012-08-05T11:50:10-0400 vzctl : CT 1884 : Error: required UB parameter
numsigninfo not set
2012-08-05T11:50:10-0400 vzctl : CT 1884 : Error: required UB parameter
tcpsndbuf not set
2012-08-05T11:50:10-0400 vzctl : CT 1884 : Error: required UB parameter
tcprcvbuf not set
2012-08-05T11:50:10-0400 vzctl : CT 1884 : Error: required UB parameter
othersockbuf not set
2012-08-05T11:50:10-0400 vzctl : CT 1884 : Error: required UB parameter
```

```
dgramrcvbuf not set
2012-08-05T11:50:10-0400 vzctl : CT 1884 : Error: required UB parameter
numothersock not set
2012-08-05T11:50:10-0400 vzctl : CT 1884 : Error: required UB parameter
numfile not set
2012-08-05T11:50:10-0400 vzctl : CT 1884 : Error: required UB parameter
dcachesize not set
2012-08-05T11:50:10-0400 vzctl : CT 1884 : Error: required UB parameter
numiptent not set
2012-08-05T11:50:10-0400 vzctl : CT 1884 : Error: failed to apply some
parameters, not saving configuration file!
2012-08-05T11:50:10-0400 vzctl : CT 1884 : Warning: distribution not
specified in CT config, using defaults from /etc/vz/dists/default
2012-08-05T11:50:10-0400 vzctl : CT 1884 :
WARNING: /etc/vz/conf/1884.conf not found: No such file or directory
2012-08-05T11:50:10-0400 vzctl : CT 1884 : CT configuration saved
to /etc/vz/conf/1884.conf
2012-08-05T11:50:10-0400 vzctl : CT 1884 : CT configuration saved
to /etc/vz/conf/1884.conf
2012-08-05T11:50:10-0400 vzctl : CT 1884 : CT configuration saved
to /etc/vz/conf/1884.conf
2012-08-05T11:50:10-0400 vzctl : CT 1884 : Bad parameter for --meminfo:
4096M
2012-08-05T11:50:10-0400 vzctl : CT 1884 : CT configuration saved
to /etc/vz/conf/1884.conf
2012-08-05T11:50:10-0400 vzctl : CT 1884 : Bad parameter for --ioprio:
4,
2012-08-05T11:50:10-0400 vzctl : CT 1884 : CT configuration saved
to /etc/vz/conf/1884.conf
2012-08-05T11:50:10-0400 vzctl : CT 1884 : CT configuration saved
to /etc/vz/conf/1884.conf
2012-08-05T11:50:10-0400 vzctl : CT 1884 : Restarting container
2012-08-05T11:50:10-0400 vzctl : CT 1884 : Warning: distribution not
specified in CT config, using defaults from /etc/vz/dists/default
2012-08-05T11:50:10-0400 vzctl : CT 1884 : Starting container ...
2012-08-05T11:50:10-0400 vzctl : CT 1884 : Container private
area /vz/private/1884 does not exist
```

dmesg shows:

```
[43805.036196] VZ QUOTA: disk softlimit exceeded for id=1884
[43805.041617] VZ QUOTA: disk quota softlimit expired for id=1884
```

df -h (vm's are built to sdc1)

```
Filesystem Size Used Avail Use% Mounted on
/dev/md1 895G 17G 832G 3% /
/dev/md2 3.9G 73M 3.7G 2% /tmp
/dev/md0 99M 41M 53M 44% /boot
```

```
tmpfs 7.9G 0 7.9G 0% /dev/shm
/dev/sdc1 739G 300G 402G 43% /home
```

vz.conf:

```
VE_ROOT=/vz/root/$VEID
VE_PRIVATE=/vz/private/$VEID
CONFIGFILE="unlimited"
```

ve-unlimited.conf-sample:

```
# Disk quota parameters (in form of softlimit:hardlimit)
DISKSPACE="250G:250G"
DISKINODES="20000000000:200000000000"
QUOTATIME="0"
DISK_QUOTA="yes"
ONBOOT=yes
```

```
uname - 2.6.32-042stab057.1
vzctl version 3.3
```

node is set for vswap

In comparison this template is rather large at 1.5G vs the normal couple hundred meg. But its a full build out of cPanel.

Any direction pointing to what might be causing this would be great. It wasn't until the 2.6.32 kernel that this started to happen.

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