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Subject: disk softlimit exceeded during CT creation  
Posted by [slrslr](#) on Wed, 07 Oct 2020 01:15:25 GMT  
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Hello,  
i have seen errors in vzctl.log

```
Oct 7 00:09:46 host kernel: [32171566.090124] VZ QUOTA: disk softlimit exceeded for id=4720
Oct 7 00:09:46 host kernel: [32171566.090537] VZ QUOTA: disk quota softlimit expired for
id=4720
```

and in more detail:

```
skipped tar var/lib/rpm/Filedigests Cannot write Disk quota exceeded tar var/lib/rpm/Basenames
Cannot write Disk quota exceeded tar var/lib/rpm/Sigmd5 ... Cannot create symlink to
`/usr/share/fontconfig/conf.avail/20-unhint-small-dejavu-sans-mono.conf' Disk quota exceeded tar
Exiting with failure status due to previous errors vps-create ERROR Unpack
/vz/template/cache/centos-6-x86-abc.tar.gz failed Creation of container private area failed
```

but when i changed DISK\_QUOTA=yes to DISK\_QUOTA=no in /etc/vz/vz.conf then the CT was created (with unlimited disk space quota. I had to fix it later by enabling DISK\_QUOTA back, setting new CT disk space limit and restarting CT). When i then check quota, disk parameters of the running CT, i see:

```
egrep -i "disk|quota" /etc/vz/conf/4720.conf
# Disk quota parameters (in form of softlimit:hardlimit)
DISKSPACE="6291456:6291456"
DISKINODES="4096000:4096000"
QUOTATIME="0"
QUOTAUGIDLIMIT="10000"
DISK_QUOTA="yes"
```

DISKSPACE value may exceeded free space on the partition, but i would not think it can be problem since the actual disk space used would be much lower.

On the node:

```
df -h
Filesystem      Size  Used Avail Use% Mounted on
/dev/mapper/vg_host2-lv_root
                31G  21G  8.6G  71% /
tmpfs           1.9G   0 1.9G   0% /dev/shm
/dev/sda1       477M   78M 374M  18% /boot
```

```
df -i
Filesystem      Inodes IUsed IFree IUse% Mounted on
/dev/mapper/vg_host2-lv_root
                2.0M 403K 1.6M  21% /
tmpfs           464K   1 464K   1% /dev/shm
/dev/sda1       126K   50 125K   1% /boot
```

Thank you

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