Subject: Trouble mounting more than 4093 mount points in CT  
Posted by reallife on Sat, 18 Apr 2015 21:13:23 GMT

hello

we have an openvz vps with 255 cpanel accounts. we tried enabling jailshell which creates 16 mount points for each account.

for some accounts the jailshell cannot be mounted and wc -l /proc/mounts shows 4093. this number is close to 4096 so I ended up thinking this might be related to some openvz limit for mounts.

I could also not find any limit relating to the number of mount points, however you might be able to give us an idea if it is at least virtualization related.
we currently have 2.6.32-042stab106 kernel installed.

mount debug logs show:
Mounting /var/tmp -> /home/virtfs/*****/var/tmp (0x0000100a)
Result: 12

A result of "12" is ENOMEM:

Is there some limit on mount points within a CT and if so is there a way to increase it?

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Subject: Re: Trouble mounting more than 4093 mount points in CT  
Posted by reallife on Sun, 19 Apr 2015 10:23:36 GMT

the solution was to add "max_loop=256" (with quotes) to the openvz kernel in grub.conf and add this command to /etc/rc.local in main machine as well as affected CTs: /sbin/MAKEDEV -v /dev/loop
then reboot

hope this helps others with similar situations