Subject: Re: Maximum number of processes / threads of the OpenVZ HN?
Posted by markus on Tue, 10 Nov 2009 09:41:59 GMT
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Hi all,

So nobody has an idea why I can't have more than ~ 15,700 processes and threads as listed by the vzlist command on my machine:

```
[root@office-vm01]# vzlist
CTID     NPROC STATUS IP_ADDR        HOSTNAME
4001      3100 running 192.168.3.230   vdev-app01
4002      3101 running 192.168.3.234   vdev-app02
4003      3105 running 192.168.3.238   vdev-app03
4004      3100 running 192.168.3.242   vdev-app04
4005      3096 running 192.168.3.246   vdev-app05
4006       212 running 192.168.3.210   vdev-app06
4007        15 running 192.168.3.214   vdev-app07
4008        15 running 192.168.3.218   vdev-app08
4009        15 running 192.168.3.222   vdev-app09
4010        15 running 192.168.3.226   vdev-app10
```

without running into errors on the VEs and the host like:

```
[root@vdev-app06 /]# cat /proc/user_beancounters
-bash: fork: Resource temporarily unavailable
```

Can someone confirm that running more than ~16,000 processes and threads on a OpenVZ Host should be possible? Do I need to tweak my kernel in a special way to get around that limit?

I really don't want to switch to another virtualization framework only because I'm unable to utilize the full resources of my machine..

Thanks,
Markus