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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