Subject: *SOLVED* VE does not start
Posted by herold on Tue, 01 Jan 2008 19:20:03 GMT
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Hi,

this are my first steps with OpenVZ and I can't figure out why my VE isn't started.

OpenVZ should be installed correct:

```
tk@spike:~$ uname -r
2.6.18-openvz-13-1etch5-686

tk@spike:~$ lsmod | grep vz
vznetdev              16384  1
vzethdev              10152  0
vzrst                118964  0
ip_nat                17712  1 vzrst
vzcpt                 95620  0
ip_conntrack          56224  3 vzrst,ip_nat,vzcpt
vzdquota              36212  1 [permanent]
vzmon                 40328  4 vznetdev,vzethdev,vzrst,vzcpt
vzdev                 3588  4 vznetdev,vzethdev,vzdquota,vzmon
ipv6                 235680  27 vzrst,vzcpt,vzmon
```

I created a test VE...

```
tk@spike:~$ sudo vzctl create 1001 --ostemplate ubuntu-7.10-i386-minimal
Creating VPS private area: /var/lib/vz/private/1001
Performing postcreate actions
VPS private area was created
```

...and started it...

```
tk@spike:~$ sudo vzctl --verbose start 1001
Unable to open /usr/lib/vzctl/modules/: No such file or directory
Starting VPS ...
Running: /usr/sbin/vzquota stat 1001 -f
Running: /usr/sbin/vzquota off 1001
VPS is unmounted
Running: /usr/sbin/vzquota show 1001
Running: /usr/sbin/vzquota on 1001 -r 0 -b 1048676 -B 1153534 -i 200100 -I 220100 -e 0 -n 0 -s 0
```

Mounting root: /var/lib/vz/root/1001 /var/lib/vz/private/1001
VPS is mounted
Adding IP address(es): 192.168.10.10
Running: /usr/lib/vzctl/scripts/vps-net_add
Running VPS script: /etc/vz/dists/scripts/debian-add_ip.sh
Setting CPU units: 1000
Set hostname: openvztest
Running VPS script: /etc/vz/dists/scripts/debian-set_hostname.sh
Running VPS script: /etc/vz/dists/scripts/set_dns.sh
File resolv.conf was modified
Running: /usr/sbin/vzquota stat 1001 -f
Running: vzquota setlimit 1001 -b 1048576 -B 1153434 -i 200000 -I 220000 -e 0 -n 0
VPS start in progress...

...but nothing shows up

tk@spike:~$ sudo vzlist
VPS not found

The only hint is the 'Unable to open /usr/lib/vzctl/modules/: No such file or directory' line when starting the VE but the rest of the output looks like the VE is starting nevertheless. The directory indeed doesn't exist. What should be in it. Do I have to install another package? Currently I just have vzctl and vzquota.

Any hints appreciated
-Tim

Subject: Re: VE does not start
Posted by ugob on Tue, 01 Jan 2008 20:00:20 GMT
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have you tried running vzctl as root (w/o using sudo)?

Subject: Re: VE does not start
Posted by herold on Wed, 02 Jan 2008 08:11:49 GMT
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ugob wrote on Tue, 01 January 2008 21:00have you tried running vzctl as root (w/o using sudo)?

Yes, that makes no difference. However, vzctl.log contains this for vzctl start ...:

2008-01-02T08:54:27+0100 vzctl : VPS 1001 : Starting VPS ...
2008-01-02T08:54:27+0100 vzctl : VPS 1001 : Running: /usr/sbin/vzquota show 1001
2008-01-02T08:54:27+0100 vzctl : VPS 1001 : Running: /usr/sbin/vzquota on 1001 -r 0 -b 1048676 -B 1153534 -i 200100 -I 220100 -e 0 -n 0 -s 0
2008-01-02T08:54:27+0100 vzctl : VPS 1001 : Mounting root: /var/lib/vz/root/1001 /var/lib/vz/private/1001
2008-01-02T08:54:27+0100 vzctl : VPS 1001 : VPS is mounted
2008-01-02T08:54:27+0100 vzctl : VPS 1001 : Adding IP address(es): 192.168.10.10
2008-01-02T08:54:27+0100 vzctl : VPS 1001 : Running: /usr/lib/vzctl/scripts/vps-net_add
2008-01-02T08:54:28+0100 vzctl : VPS 1001 : Running VPS script: /etc/vz/dists/scripts/debian-add_ip.sh
2008-01-02T08:54:28+0100 vzctl : VPS 1001 : Setting CPU units: 1000
2008-01-02T08:54:28+0100 vzctl : VPS 1001 : Set hostname: openvztest
2008-01-02T08:54:28+0100 vzctl : VPS 1001 : Running VPS script: /etc/vz/dists/scripts/debian-set_hostname.sh
2008-01-02T08:54:28+0100 vzctl : VPS 1001 : Running VPS script: /etc/vz/dists/scripts/set_dns.sh
2008-01-02T08:54:28+0100 vzctl : VPS 1001 : File resolv.conf was modified
2008-01-02T08:54:28+0100 vzctl : VPS 1001 : Running: /usr/sbin/vzquota stat 1001 -f
2008-01-02T08:54:28+0100 vzctl : VPS 1001 : Running: vzquota setlimit 1001 -b 1048576 -B 1153434 -i 200000 -I 220000 -e 0 -n 0
2008-01-02T08:54:28+0100 vzctl : VPS 1001 : VPS start in progress...
2008-01-02T08:55:01+0100 venetclean : VPS 1001 : VPS died, clear ips: 192.168.10.10

So there certainly is something wrong (note the last line of the log). Is there some way to increase the log verbosity or some other way to further debug this?

-Tim

Subject: Re: VE does not start
Posted by curx on Wed, 02 Jan 2008 09:07:17 GMT
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Hi,

Are you using vzctl from etch at debian.org, it's to old for a VE using ubunut-7.10 (-> http://wiki.openvz.org/Ubuntu_Gutsy_template_creation#vzctl)

Upgrade your vzctl to 3.0.22 and i suggest you to upgrade your kernel, too.

Subject: Re: VE does not start
Posted by herold on Wed, 02 Jan 2008 09:48:16 GMT
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It's working now.

I switched from the openvz to the systs.org repository (thanks for providing that Thorsten) and installed the kernel and vzctl from there.

Thanks for your replies Ugo and Thorsten
-Tim