Subject: Problem with starting Debian* and Ubuntu* network => vzctl 3.0.26
Posted by hack on Mon, 28 Feb 2011 19:12:21 GMT
View Forum Message <> Reply to Message

Hi, i download
debian-6.0-i386-minimal.tar.gz (signature) 2011-02-18 01:54:43 74 Mb and amd64
and after start container looks like network not up correctly, can not ping in/out.

/var/log/vzctl.log:

2011-02-28T20:00:08+0100 vzctl : CT 146 : Creating container private area (debian-6.0-amd64-minimal)
2011-02-28T20:00:12+0100 vzctl : CT 146 : Performing postcreate actions
2011-02-28T20:00:12+0100 vzctl : CT 146 : Container private area was created
2011-02-28T20:00:12+0100 vzctl : CT 146 : Restarting container
2011-02-28T20:00:12+0100 vzctl : CT 146 : Starting container ...
2011-02-28T20:00:12+0100 vzctl : CT 146 : Container is mounted
2011-02-28T20:00:12+0100 vzctl : CT 146 : Setting CPU units: 1000
2011-02-28T20:00:12+0100 vzctl : CT 146 : Container start in progress...
2011-02-28T20:00:13+0100 vzctl : CT 146 : Adding IP address(es): 178.33.130.-
2011-02-28T20:00:13+0100 vzctl : CT 146 : Saved parameters for CT 146
2011-02-28T20:00:13+0100 vzctl : CT 146 : Set hostname: 3test.pl
2011-02-28T20:00:13+0100 vzctl : CT 146 : File resolv.conf was modified
2011-02-28T20:00:13+0100 vzctl : CT 146 : Saved parameters for CT 146
2011-02-28T20:00:13+0100 vzctl : CT 146 : UB limits were set successfully
2011-02-28T20:00:13+0100 vzctl : CT 146 : Saved parameters for CT 146
2011-02-28T20:00:13+0100 vzctl : CT 146 : UB limits were set successfully
2011-02-28T20:00:13+0100 vzctl : CT 146 : Saved parameters for CT 146
2011-02-28T20:00:13+0100 vzctl : CT 146 : Saved parameters for CT 146
2011-02-28T20:00:13+0100 vzctl : CT 146 : Saved parameters for CT 146
2011-02-28T20:00:13+0100 vzctl : CT 146 : Unable to turn on second-level disk quota on a running container
2011-02-28T20:00:13+0100 vzctl : CT 146 : WARNING: Some of the parameters could not be applied to a running container.
 Please consider using --setmode option
2011-02-28T20:00:13+0100 vzctl : CT 146 : Setting quota ugidlimit: 10000
2011-02-28T20:00:13+0100 vzctl : CT 146 : Unable to apply new quota values: ugid quota not initialized
2011-02-28T20:00:13+0100 vzctl : CT 146 : Saved parameters for CT 146
2011-02-28T20:00:13+0100 vzctl : CT 146 : UB limits were set successfully
2011-02-28T20:00:13+0100 vzctl : CT 146 : Setting CPU limit: 55
2011-02-28T20:00:13+0100 vzctl : CT 146 : Setting CPU units: 1000
2011-02-28T20:00:13+0100 vzctl : CT 146 : Setting CPUs: 1
2011-02-28T20:00:13+0100 vzctl : CT 146 : Saved parameters for CT 146
2011-02-28T20:00:13+0100 vzctl : CT 146 : Restarting container
2011-02-28T20:00:13+0100 vzctl : CT 146 : Stopping container ...
2011-02-28T20:00:18+0100 vzctl : CT 146 : Container was stopped
2011-02-28T20:00:18+0100 vzctl : CT 146 : Container is unmounted

2011-02-28T20:00:18+0100 vzctl : CT 146 : Starting container ...
2011-02-28T20:00:18+0100 vzctl : CT 146 : Container is mounted
2011-02-28T20:00:18+0100 vzctl : CT 146 : Adding IP address(es): 178.33.130.-
2011-02-28T20:00:18+0100 vzctl : CT 146 : Setting CPU limit: 55
2011-02-28T20:00:18+0100 vzctl : CT 146 : Setting CPU units: 1000
2011-02-28T20:00:18+0100 vzctl : CT 146 : Setting CPUs: 1
2011-02-28T20:00:18+0100 vzctl : CT 146 : Set hostname: 3test.pl
2011-02-28T20:00:18+0100 vzctl : CT 146 : File resolv.conf was modified
2011-02-28T20:00:18+0100 vzctl : CT 146 : Setting quota ugidlimit: 10000
2011-02-28T20:00:18+0100 vzctl : CT 146 : Container start in progress...
2011-02-28T20:00:18+0100 vzctl : CT 146 : Adding IP address(es): 2001:41d0:2:865c::d4d0:7eda
2011-02-28T20:00:18+0100 vzctl : CT 146 : Saved parameters for CT 146
2011-02-28T20:00:18+0100 vzctl : CT 146 : Adding IP address(es): 2001:41d0:2:865c::d7f0:7b9c
2011-02-28T20:00:18+0100 vzctl : CT 146 : Saved parameters for CT 146
2011-02-28T20:00:18+0100 vzctl : CT 146 : Adding IP address(es): 2001:41d0:2:865c::6f1f:2a8
2011-02-28T20:00:19+0100 vzctl : CT 146 : Saved parameters for CT 146
2011-02-28T20:00:19+0100 vzctl : CT 146 : Adding IP address(es): 2001:41d0:2:865c::73ef:93b
2011-02-28T20:00:19+0100 vzctl : CT 146 : Saved parameters for CT 146
2011-02-28T20:00:19+0100 vzctl : CT 146 : Adding IP address(es): 2001:41d0:2:865c::da82:e96b
2011-02-28T20:00:19+0100 vzctl : CT 146 : Saved parameters for CT 146
2011-02-28T20:00:19+0100 vzctl : CT 146 : Adding IP address(es): 2001:41d0:2:865c::ed80:cbc1
2011-02-28T20:00:19+0100 vzctl : CT 146 : Saved parameters for CT 146
2011-02-28T20:00:19+0100 vzctl : CT 146 : Adding IP address(es): 2001:41d0:2:865c::28b3:8902
2011-02-28T20:00:19+0100 vzctl : CT 146 : Saved parameters for CT 146
2011-02-28T20:00:19+0100 vzctl : CT 146 : Adding IP address(es): 2001:41d0:2:865c::e69d:a19
2011-02-28T20:00:19+0100 vzctl : CT 146 : Saved parameters for CT 146
2011-02-28T20:01:13+0100 vzeventd : Child 6939 failed with exit code 79

kernel:

2.6.18-194.26.1.el5.028stab079.2
vzctl: vzctl version 3.0.26
[/code]
Im using SolusVM. Have someone this issue too? How can i fix thi?
Thanks for any replays.

Subject: Re: Problem with starting Debian 6 (2011-02-18)
Posted by curx on Mon, 28 Feb 2011 19:26:50 GMT
View Forum Message <> Reply to Message

Hi,

please give some infos:

* test the ping via IPv4, IPv6 or both ?
* can you ping the ct from hostnode IPv4 / IPv6 ?
* any ip(6)tables rules active ?

in this debian 6.0 container:

ip -4 a l ; ip -4 r l ; ip -6 a ; ip -6 r l in ct
/etc/init.d/networking restart ... ok, errors ?
cat /etc/network/interfaces

Bye,
Thorsten

Subject: Re: Problem with starting Debian 6 (2011-02-18)
Posted by hack on Mon, 28 Feb 2011 21:52:25 GMT
View Forum Message <> Reply to Message

[root@vps ~]# vzctl enter 144
entered into CT 144
root@1:/# ping google.com

ping: unknown host google.com

root@1:/# ifconfig

lo Link encap:Local Loopback
inet addr:127.0.0.1 Mask:255.0.0.0
inet6 addr: ::1/128 Scope:Host
UP LOOPBACK RUNNING MTU:16436 Metric:1
RX packets:0 errors:0 dropped:0 overruns:0 frame:0
TX packets:0 errors:0 dropped:0 overruns:0 carrier:0
collisions:0 txqueuelen:0
RX bytes:0 (0.0 B) TX bytes:0 (0.0 B)

venet0 Link encap:UNSPEC HWaddr 00-00-00-00-00-00-00-00-00-00-00-00-00-00-00-00
[b]inet6 addr: 2001:41d0:2:865c::9b23:ae15/0 Scope:Global[/b]
UP BROADCAST POINTOPOINT RUNNING NOARP MTU:1500 Metric:1
RX packets:0 errors:0 dropped:0 overruns:0 frame:0
TX packets:0 errors:0 dropped:0 overruns:0 carrier:0
collisions:0 txqueuelen:0
RX bytes:0 (0.0 B) TX bytes:0 (0.0 B)

venet0:0 Link encap:UNSPEC HWaddr 00-00-00-00-00-00-00-00-00-00-00-00-00-00-00-00
inet addr:178.33.130.- P-t-P:178.33.130.- Bcast:0.0.0.0 Mask:255.255.255.255
UP BROADCAST POINTOPOINT RUNNING NOARP MTU:1500 Metric:1

root@1:/# /etc/init.d/networking start

Configuring network interfaces...SIOCSIFADDR: File exists
Failed to bring up venet0.
done.

root@1:/# ping google.com

PING google.com (74.125.230.81) 56(84) bytes of data.
64 bytes from 74.125.230.81: icmp_req=1 ttl=55 time=6.30 ms
64 bytes from 74.125.230.81: icmp_req=2 ttl=55 time=5.53 ms
64 bytes from 74.125.230.81: icmp_req=3 ttl=55 time=4.75 ms
64 bytes from 74.125.230.81: icmp_req=4 ttl=55 time=4.97 ms
64 bytes from 74.125.230.81: icmp_req=5 ttl=55 time=4.60 ms

--- google.com ping statistics ---
5 packets transmitted, 5 received, 0% packet loss, time 3999ms
rtt min/avg/max/mdev = 4.602/5.233/6.303/0.621 ms

root@1:/# ifconfig

lo Link encap:Local Loopback
inet addr:127.0.0.1 Mask:255.0.0.0
inet6 addr: ::1/128 Scope:Host
UP LOOPBACK RUNNING MTU:16436 Metric:1
RX packets:0 errors:0 dropped:0 overruns:0 frame:0
TX packets:0 errors:0 dropped:0 overruns:0 carrier:0
collisions:0 txqueuelen:0
RX bytes:0 (0.0 B) TX bytes:0 (0.0 B)

venet0 Link encap:UNSPEC HWaddr 00-00-00-00-00-00-00-00-00-00-00-00-00-00-00-00
[b]inet6 addr: 2001:41d0:2:865c::d5f6:d3f/0 Scope:Global
inet6 addr: 2001:41d0:2:865c::5d86:3576/0 Scope:Global
inet6 addr: 2001:41d0:2:865c::cbf4:fb92/0 Scope:Global
inet6 addr: 2001:41d0:2:865c::9b23:ae15/0 Scope:Global
inet6 addr: 2001:41d0:2:865c::d24f:cdfe/0 Scope:Global
inet6 addr: 2001:41d0:2:865c::68ea:a63/0 Scope:Global
inet6 addr: 2001:41d0:2:865c::3857:d93b/0 Scope:Global
inet6 addr: 2001:41d0:2:865c::9829:1d5f/0 Scope:Global[/b]
UP BROADCAST POINTOPOINT RUNNING NOARP MTU:1500 Metric:1
RX packets:11 errors:0 dropped:0 overruns:0 frame:0
TX packets:11 errors:0 dropped:0 overruns:0 carrier:0
collisions:0 txqueuelen:0
RX bytes:1216 (1.1 KiB) TX bytes:836 (836.0 B)

venet0:0 Link encap:UNSPEC HWaddr 00-00-00-00-00-00-00-00-00-00-00-00-00-00-00-00
inet addr:178.33.130.- P-t-P:178.33.130.- Bcast:0.0.0.0 Mask:255.255.255.255

UP BROADCAST POINTOPOINT RUNNING NOARP MTU:1500 Metric:1

After start networking is ok, but after reboot container problem is back. SolusVM template is adding 8 ipv6 addresses for each container, but u can see on first 'ifconfig' is only 1 IPv6 added, and after start networking all 8.

* test the ping via IPv4, IPv6 or both ? - no replay
* can you ping the ct from hostnode IPv4 / IPv6 ? - no replay
* any ip(6)tables rules active ? - no additional rules

Before fix (start networking):

root@1:/# ping google.com
ping: unknown host google.com

root@1:/# ip -4 a l
1: lo: <LOOPBACK,UP,LOWER_UP> mtu 16436 qdisc noqueue state UNKNOWN
    inet 127.0.0.1/8 scope host lo
3: venet0: <BROADCAST,POINTOPOINT,NOARP,UP,LOWER_UP> mtu 1500 qdisc noqueue state UNKNOWN
    inet 178.33.130.226/32 scope global venet0:0
root@1:/# ip -4 r l
root@1:/# ip -6 a
1: lo: <LOOPBACK,UP,LOWER_UP> mtu 16436
    inet6 ::1/128 scope host
       valid_lft forever preferred_lft forever
root@1:/# ip -6 r l

root@1:/# cat /etc/network/interfaces

This configuration file is auto-generated.
WARNING: Do not edit this file, your changes will be lost.
Please create/edit /etc/network/interfaces.head and /etc/network/interfaces.tail instead,
their contents will be inserted at the beginning and at the end
of this file, respectively.
#
NOTE: it is NOT guaranteed that the contents of /etc/network/interfaces.tail
will be at the very end of this file.

Auto generated lo interface
auto lo
iface lo inet loopback

```
# Auto generated venet0 interface
auto venet0
iface venet0 inet manual
        up ifconfig venet0 up
        up route add default dev venet0
        down route del default dev venet0
        down ifconfig venet0 down


iface venet0 inet6 manual
        up ifconfig venet0 add 2001:41d0:2:865c::3857:d93b/0
        down ifconfig venet0 del 2001:41d0:2:865c::3857:d93b/0
        up ifconfig venet0 add 2001:41d0:2:865c::cbf4:fb92/0
        down ifconfig venet0 del 2001:41d0:2:865c::cbf4:fb92/0
        up ifconfig venet0 add 2001:41d0:2:865c::d5f6:d3f/0
        down ifconfig venet0 del 2001:41d0:2:865c::d5f6:d3f/0
        up ifconfig venet0 add 2001:41d0:2:865c::68ea:a63/0
        down ifconfig venet0 del 2001:41d0:2:865c::68ea:a63/0
        up ifconfig venet0 add 2001:41d0:2:865c::d24f:cdfe/0
        down ifconfig venet0 del 2001:41d0:2:865c::d24f:cdfe/0
        up ifconfig venet0 add 2001:41d0:2:865c::9829:1d5f/0
        down ifconfig venet0 del 2001:41d0:2:865c::9829:1d5f/0
        up ifconfig venet0 add 2001:41d0:2:865c::5d86:3576/0
        down ifconfig venet0 del 2001:41d0:2:865c::5d86:3576/0
        up ifconfig venet0 add 2001:41d0:2:865c::9b23:ae15/0
        down ifconfig venet0 del 2001:41d0:2:865c::9b23:ae15/0

auto venet0:0
iface venet0:0 inet static
        address 178.33.130.226
        netmask 255.255.255.255

root@1:/#
```

Subject: Re: Problem with starting Debian 6 (2011-02-18)
Posted by KriS83 on Mon, 28 Feb 2011 22:03:15 GMT
View Forum Message <> Reply to Message

Hi,

I had the same issue today.
I backported the files from /etc/vz/dists/scripts/debian* from vzctl 3.0.25.2 and everything worked fine again.

The problem is, that you have no route set within the container.

Check it with "route -n"

Regards,
KriS

Subject: Re: Problem with starting Debian 6 (2011-02-18)
Posted by hack on Mon, 28 Feb 2011 22:14:35 GMT
View Forum Message <> Reply to Message

U right Kris.

root@1:/# route -n
Kernel IP routing table
Destination Gateway Genmask Flags Metric Ref Use Iface
root@1:/#

After replacing /etc/vz/scripts/debian* from 3.0.26 to 3.0.25.2 IPv4 work great, but IPv6 network is down. No IPv6 on 'ifconfig'

Subject: Re: Problem with starting Debian 6 (2011-02-18)
Posted by KriS83 on Mon, 28 Feb 2011 22:29:31 GMT
View Forum Message <> Reply to Message

Hi,

just try the following, maybe it will help:

Open /etc/network/interfaces inside your CT and replace:

```
# Auto generated venet0 interface
auto venet0
iface venet0 inet manual
        up ifconfig venet0 up
        up route add default dev venet0
        down route del default dev venet0
        down ifconfig venet0 down
```

with the "old"

Auto generated venet0 interface

```
auto venet0
iface venet0 inet static
 address 127.0.0.1
 netmask 255.255.255.255
 broadcast 0.0.0.0
 up route add default dev venet0
```

Then just try restarting your network:

```
# /etc/init.d/networking restart
```

Check if that works?

Thanks
KriS

Edit: Sorry don't use IPv6 yet, so can't help with that one.

Subject: Re: Problem with starting Debian 6 (2011-02-18)
Posted by hack on Mon, 28 Feb 2011 22:41:44 GMT
View Forum Message <> Reply to Message

So, the problem is not with Debian 6, but vzctl 3.0.26 (i updated today). I building ct with Debian 5 and Ubuntu 10.10 and I have the same issue... I will do more tests...

Subject: Re: Problem with starting Debian 6 (2011-02-18)
Posted by KriS83 on Mon, 28 Feb 2011 22:45:34 GMT
View Forum Message <> Reply to Message

Hi,

yes as I said I had the same issue.
I had setup a fresh node and started migrating CTs.
On the new node the CTs were suddely no longer available.

Backporting the mentioned files had helped me, as I didn't have a lot of time to actually debug the issue I was satisfied with the solution for today

I also will be setting up another node again tomorrow and start investigating.

Regards
KriS

Subject: Re: Problem with starting Debian 6 (2011-02-18)
Posted by curx on Tue, 01 Mar 2011 11:46:59 GMT
View Forum Message <> Reply to Message

http://bugzilla.openvz.org/show_bug.cgi?id=1792

Subject: Re: Problem with starting Debian* and Ubuntu* network => vzctl 3.0.26
Posted by kir on Wed, 02 Mar 2011 01:51:59 GMT
View Forum Message <> Reply to Message

Fixed in vzctl 3.0.26.1

http://wiki.openvz.org/Download/vzctl/3.0.26.1
http://openvz.org/pipermail/announce/2011-March/000193.html