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Subject: Re: Problem with starting Debian 6 (2011-02-18)

Posted by [hack](#) on Mon, 28 Feb 2011 21:52:25 GMT

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```
[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:/#
```

---