
Subject: Host Node lost network upon install and restart
Posted by [felixchang](#) on Thu, 05 Jun 2014 11:24:19 GMT
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I am extremely new to linux and Openvz and has been trying to setup a small test server to achieve some tasks.

I am running Centos 6.5 and has been running happily as standalone server. My network setting is extremely simple. One main ip 192.168.42.170 with two virtual ip 192.168.42.171 and 192.168.42.172.

I then follow the instruction on openvz.org/Quick_installation#Tools_installation and completed everything successfully and then reboot into openVZ.
The system rebooted ok.

So I am about to download OS template to have the fun of creating the containers. That is when I realize I do not have network.

I then make sure I am running the right kernel :

```
# uname -a
Linux server2.localdomain 2.6.32-042stab090.2 #1 SMP Wed May 21 19:25:13 MSK 2014 i686
i686 i386 GNU/Linux
```

then I check the network :

```
[root@server2 ~]# ifconfig
eth0    Link encap:Ethernet  HWaddr D4:AE:52:C7:F0:34
        inet addr:192.168.42.170  Bcast:192.168.42.255  Mask:255.255.255.0
        inet6 addr: fe80::d6ae:52ff:fec7:f034/64  Scope:Link
        UP BROADCAST RUNNING MULTICAST  MTU:1500  Metric:1
        RX packets:2713 errors:0 dropped:0 overruns:0 frame:0
        TX packets:2164 errors:0 dropped:0 overruns:0 carrier:0
        collisions:0 txqueuelen:1000
        RX bytes:811470 (792.4 KiB)  TX bytes:281383 (274.7 KiB)
        Interrupt:16

eth0:1  Link encap:Ethernet  HWaddr D4:AE:52:C7:F0:34
        inet addr:192.168.42.171  Bcast:192.168.42.255  Mask:255.255.255.0
        UP BROADCAST RUNNING MULTICAST  MTU:1500  Metric:1
        Interrupt:16

eth0:2  Link encap:Ethernet  HWaddr D4:AE:52:C7:F0:34
        inet addr:192.168.42.172  Bcast:192.168.42.255  Mask:255.255.255.0
        UP BROADCAST RUNNING MULTICAST  MTU:1500  Metric:1
        Interrupt:16

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:24 errors:0 dropped:0 overruns:0 frame:0
TX packets:24 errors:0 dropped:0 overruns:0 carrier:0
collisions:0 txqueuelen:0
RX bytes:1632 (1.5 KiB) TX bytes:1632 (1.5 KiB)
```

```
venet0 Link encap:UNSPEC HWaddr 00-00-00-00-00-00-00-00-00-00-00-00-00-00-00-00
inet6 addr: fe80::1/128 Scope:Link
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:3 overruns:0 carrier:0
collisions:0 txqueuelen:0
RX bytes:0 (0.0 b) TX bytes:0 (0.0 b)
```

I can not tell if anything go wrong.

After many hours of debugging, I realize the network will be back if I stop the firewall

```
#service iptables stop
```

My iptables look like

```
# Firewall configuration written by system-config-firewall
# Manual customization of this file is not recommended.
*filter
:INPUT ACCEPT [0:0]
:FORWARD ACCEPT [0:0]
:OUTPUT ACCEPT [0:0]
-A INPUT -m state --state ESTABLISHED,RELATED -j ACCEPT
-A INPUT -p icmp -j ACCEPT
-A INPUT -i lo -j ACCEPT
-A INPUT -m state --state NEW -m tcp -p tcp --dport 21 -j ACCEPT
-A INPUT -m state --state NEW -m udp -p udp --dport 137 -j ACCEPT
-A INPUT -m state --state NEW -m udp -p udp --dport 138 -j ACCEPT
-A INPUT -m state --state NEW -m tcp -p tcp --dport 443 -j ACCEPT
-A INPUT -m state --state NEW -m tcp -p tcp --dport 80 -j ACCEPT
-A INPUT -m state --state NEW -m tcp -p tcp --dport 10000 -j ACCEPT
-A INPUT -m state --state NEW -m tcp -p tcp --dport 5901 -j ACCEPT
-A INPUT -j REJECT --reject-with icmp-host-prohibited
-A FORWARD -j REJECT --reject-with icmp-host-prohibited
COMMIT
```

If I investigate by "tcpdump port portnum" using portnum 80 (web http) or 5901 (vncserver) and start the browser or vncserver application, no package is detected by tcpdump.

What could be blocking the port ? It only happens after I install the openvz.

I am not even sure how to continue from here now

Any help is appreciated.