Subject: Help please with seting up networking inside a VE
Posted by dragos2 on Mon, 24 Aug 2009 12:07:56 GMT
View Forum Message <> Reply to Message

I am running an Ubuntu 8.04 64 bit

uname -a
2.6.24-24-openvz

The server has a public IP address and name, and has
internet connectivity(I configure it through ssh).

The problem is that I can't get networking to work inside
a new VE, for example the precreated ubuntu-8.04-x86

vzctl create 777 --ostemplate ubuntu-8.04-x86
vzctl start 777
vzctl set 777 --ip 193.*.*.* --hostname mydomain.anotherdomain.com --nameserver 193.x.y.z
--save

The ifconfig outside the ve:

root@deb01:~# ifconfig
eth1 Link encap:Ethernet HWaddr 00:1e:68:04:69:08
inet addr:193.19.*.* Bcast:193.19.*.* Mask:255.255.255.0
inet6 addr: fe----------e04:6908/64 Scope:Link
UP BROADCAST RUNNING MULTICAST MTU:1500 Metric:1
RX packets:242768 errors:0 dropped:0 overruns:0 frame:0
TX packets:123061 errors:0 dropped:0 overruns:0 carrier:0
collisions:0 txqueuelen:1000
RX bytes:337725456 (322.0 MB) TX bytes:9318291 (8.8 MB)
Interrupt:17

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:1 errors:0 dropped:0 overruns:0 frame:0
TX packets:1 errors:0 dropped:0 overruns:0 carrier:0
collisions:0 txqueuelen:0
RX bytes:88 (88.0 B) TX bytes:88 (88.0 B)

venet0 Link encap:UNSPEC HWaddr 00-00-00-00-00-00-00-00-00-00-00-00-00-00-00-00
UP BROADCAST POINTOPOINT RUNNING NOARP MTU:1500 Metric:1
RX packets:11 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:660 (660.0 B)  TX bytes:0 (0.0 B)
```

Inside the VE:

```
root@deb01:/# 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:12 errors:0 dropped:0 overruns:0 frame:0
          TX packets:12 errors:0 dropped:0 overruns:0 carrier:0
          collisions:0 txqueuelen:0
          RX bytes:600 (600.0 B)  TX bytes:600 (600.0 B)

venet0    Link encap:UNSPEC  HWaddr 00-00-00-00-00-00-00-00-00-00-00-00-00-00-00-00
          inet addr:127.0.0.1  P-t-P:127.0.0.1  Bcast:0.0.0.0  Mask:255.255.255.255
          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:193.19.*.*  P-t-P:193.19.*.*  Bcast:0.0.0.0  Mask:255.255.255.255
          UP BROADCAST POINTOPOINT RUNNING NOARP  MTU:1500  Metric:1
```

The sysctl.conf

```
 # On Hardware Node we generally need
 # packet forwarding enabled and proxy arp disabled

 net.ipv4.conf.default.forwarding=1
 net.ipv4.conf.default.proxy_arp=1
 net.ipv4.ip_forward=1

 # Enables source route verification
 net.ipv4.conf.all.rp_filter = 1

 # Enables the magic-sysrq key
 kernel.sysrq = 1

 # TCP Explict Congestion Notification
```

```
#net.ipv4.tcp_ecn = 0

# we do not want all our interfaces to send redirects
net.ipv4.conf.default.send_redirects = 1
net.ipv4.conf.all.send_redirects = 0
```

Inside the VE there is no internet.

Any sugestions of what to do more ?

Subject: Re: Help please with seting up networking inside a VE
Posted by curx on Mon, 24 Aug 2009 12:34:56 GMT
View Forum Message <> Reply to Message

Hi,

your CT (=container) and hostnode share not the same IP, right, ok
... and your iptables rules set is "clean" not an "firewall" is configured ?

Bye,
Thorsten

Subject: Re: Help please with seting up networking inside a VE
Posted by dragos2 on Tue, 25 Aug 2009 08:37:57 GMT
View Forum Message <> Reply to Message

Sorry but I don't understand your reply.

Both container and VE share same public IP.
Is this wrong ?

Firewall is ufw enabled with ssh open.

Subject: Re: Help please with seting up networking inside a VE
Posted by bithead2 on Thu, 27 Aug 2009 14:30:04 GMT
View Forum Message <> Reply to Message

The container and VE cannot have the same IP address.

CJ
