Subject: Can't get outside of host from container
Posted by dgardner on Sun, 11 Mar 2012 19:36:44 GMT
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Ok, so I'm new to this and although things seem to make sense I just can't get it to work - so I am hopeful someone can point me in the right direction. Here's the info:

1. Brand new install of CentOS 6.2

2. Vanilla install of OpenVZ

3. Did all of the standard /etc/sysctl.conf modes (re-checked 10 times)

4. Server has Eth0 setup as 192.168.15.30/24

5. Container has IP address of 192.168.15.13

6. Executed these commands:
   brctl addbr br0
   ifconfig eth0 0
   brctl addif br0 eth0
   ifconfig br0 192.168.15.30/24
   ip route add default via 192.168.15.30 dev br0
7. Everything from the host works just fine

8. Did the following on the host AND the container just to eliminate possibilities:
   iptables -A INPUT -j ACCEPT
   iptables -A OUTPUT -j ACCEPT
   iptables -A FORWARD -j ACCEPT

9. When I connect to the container I can ping to the host (192.168.15.30) but not to anything else. For example, when I try to ping my router:
   > ping 192.168.15.1
   PING 192.168.15.1 (192.168.15.1) 56(84) bytes of data.
   From 192.168.15.30 icmp_seq=1 Destination Host Prohibited

Here is some more info:

Route from the host:

Destination	Gateway	Genmask	Flags	Metric	Ref	Use	Iface
192.168.15.13	*	255.255.255.255	UH	0	0	0	venet0
192.168.15.0	*	255.255.255.0	U	0	0	0	br0
192.168.15.0	*	255.255.255.0	U	0	0	0	eth0
link-local	*	255.255.0.0	U	1002	0	0	eth0
default	192.168.15.1	0.0.0.0	UG	0	0	0	br0

Route from inside the container:

Destination	Gateway	Genmask	Flags	Metric	Ref	Use	Iface

```
link-local      *           255.255.0.0     U     1002   0        0 venet0
default         *           0.0.0.0         U     0      0        0 venet0
```

brctl show from the host:
```
bridge name bridge id  STP enabled interfaces
br0  8000.0030486761e8 no  eth0
```

What I'd like to have (in addition proper connectivity out), is that the address 192.168.15.30 would be to my host (as it is now), and from the outside, 192.168.15.13 would route entirely to my container. So if I ssh from the outside to teh .13 address I would be connected to my container.

I have read every doc and sample and have tried what I perceive to be everything with no progress. I'm guessing it's some little stupid thing but what? Any help is appreciated.