Subject: *SOLVED* Routable IP's
Posted by mavenman on Fri, 21 Jul 2006 16:59:00 GMT
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From HOST I have added a routable IP by:

$vzctl set VEID --ipadd ###.###.###.### --save

Restarted VE

From inside VE the proper IP is there for venet0:0:
-bash-3.00# ifconfig
<---- snipped lo ---->
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:###.###.###.### P-t-P:###.###.###.### Bcast:###.###.###.###
Mask:255.255.255.255
UP BROADCAST POINTOPOINT RUNNING NOARP MTU:1500 Metric:1

From HOST ifconfig venet0:
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:3 errors:0 dropped:0 overruns:0 frame:0
TX packets:3 errors:0 dropped:0 overruns:0 carrier:0
collisions:0 txqueuelen:0
RX bytes:252 (252.0 b) TX bytes:252 (252.0 b)

Do I need to map the routable IP to eth0 or manually add another venet interface for the routable IP that is set for the VE?

The symptom is I am unable to reach the VE outside of the HOST. I can trace to the box but then it dies without a response from the box. If I map to eth0:1 it pings/traces but does not route the traffic to the VE it is set to.

Thanks for any help on clearing this up.

Subject: Re: Routable IP's
Posted by Valmont on Fri, 21 Jul 2006 19:36:53 GMT
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What template you use?

And, it would be better if you show your ifconfig without ### and route -n after adding ip by vzctl.

Subject: Re: Routable IP's
Posted by mavenman on Fri, 21 Jul 2006 19:52:14 GMT
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Template - centos-4-i386-minimal

```
# route -n
Kernel IP routing table
Destination     Gateway         Genmask         Flags Metric Ref    Use Iface
72.18.###.###   0.0.0.0         255.255.255.255 UH    0      0        0 venet0
72.18.###.0     0.0.0.0         255.255.255.0   U     0      0        0 eth0
169.254.0.0     0.0.0.0         255.255.0.0     U     0      0        0 eth0
0.0.0.0         72.18.###.1     0.0.0.0         UG    0      0        0 eth0
```

This being a very new install, I prefer not publishing my IP

I can confirm that venet0 matched the IP I have in the VEID.conf. If it is needed, then I would prefer PMing when needed.

Subject: Re: Routable IP's
Posted by Valmont on Fri, 21 Jul 2006 20:02:46 GMT
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cat /etc/sysctl.conf | grep net ?
iptables -nL ?

Subject: Re: Routable IP's
Posted by mavenman on Fri, 21 Jul 2006 20:10:48 GMT
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```
# cat /etc/sysctl.conf | grep net
net.ipv4.ip_forward = 0
net.ipv4.conf.default.rp_filter = 1
net.ipv4.conf.default.accept_source_route = 0

# iptables -nL
Chain INPUT (policy ACCEPT)
target     prot opt source               destination
```

Chain FORWARD (policy ACCEPT)
target prot opt source destination

Chain OUTPUT (policy ACCEPT)
target prot opt source destination

Subject: Re: Routable IP's
Posted by Vasily Tarasov on Fri, 21 Jul 2006 20:16:14 GMT
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Must be so:
net.ipv4.ip_forward = 1

Subject: Re: Routable IP's
Posted by Valmont on Fri, 21 Jul 2006 20:27:58 GMT
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http://wiki.openvz.org/Quick_installation#sysctl

And whats all

Subject: Re: Routable IP's
Posted by mavenman on Fri, 21 Jul 2006 20:31:08 GMT
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DUH!

Cleared stated in the documentation.

Thanks ALL
