Subject: *SOLVED* Need help with networking
Posted by kshade on Tue, 02 Oct 2007 14:14:20 GMT
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Hi,

I just started with OpenVZ and can't get networking to work. My setup looks like this:

[Internet]
  ^
  |
 eth0
  |
  v
[OpenVZ-Server (Public IP)]
  |vnet
[VE (Private IP)]

I can Ping the servers IP from the VE and the VEs private IP from the Host, ssh also works between them, but the VE can't acces the Internet. Probably a routing problem but I'm stuck :(

The routing tables:

Host:
```
crct master ~ # route
Kernel IP routing table
Destination     Gateway         Genmask         Flags Metric Ref    Use Iface
192.168.0.100   *               255.255.255.255 UH    0      0        0 venet0
77.37.6.0       *               255.255.255.0   U     0      0        0 eth0
loopback        *               255.0.0.0       U     0      0        0 lo
default         77.37.6.1       0.0.0.0         UG    0      0        0 eth0
```

VE:

```
oldserver ~ # route
Kernel IP routing table
Destination     Gateway         Genmask         Flags Metric Ref    Use Iface
192.0.2.0       *               255.255.255.0   U     0      0        0 venet0
127.0.0.0       *               255.0.0.0       U     0      0        0 lo
default         192.0.2.1       0.0.0.0         UG    0      0        0 venet0
```

Issuing the route command on the VE takes some time. The VEs /etc/conf.d/net looks like this:

```
config_venet0=(   "192.168.0.100/32" )
routes_venet0=(  "-net 192.0.2.0/24"  "default via 192.0.2.1" )
```

Note the default GW. Is this right?

Both Host and VE run on Gentoo.

Subject: Re: Need help with networking
Posted by rickb on Tue, 02 Oct 2007 17:50:40 GMT
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Most common causes for this are deny rules in your forward chain or packet forwarding disabled on the hardware node. Please check and let us know.

Rick

Subject: Re: Need help with networking
Posted by AN@S on Wed, 03 Oct 2007 07:59:24 GMT
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Hello,
I'm having the same problem, please do post the solution here when you get this resolved.

Subject: Re: Need help with networking
Posted by maratrus on Wed, 03 Oct 2007 08:50:32 GMT
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http://wiki.openvz.org/Using_NAT_for_VE_with_private_IPs
Have you read this article? May be it would be useful for your case.

Subject: Re: Need help with networking
Posted by kshade on Wed, 03 Oct 2007 10:35:27 GMT
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maratrus wrote on Wed, 03 October 2007
10:50http://wiki.openvz.org/Using_NAT_for_VE_with_private_IPs
Have you read this article? May be it would be useful for your case.
Ah, thanks a lot, that helped :)
