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Subject: Can not make VE work on external IP  
Posted by [smilie](#) on Wed, 19 Sep 2007 19:36:09 GMT  
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Hi,

I have very very simple config, yet can not get it working.

Situation:

VE0 (host):

eth0 Link encap:Ethernet HWaddr 00:30:05:E3:85:FF  
inet addr:85.31.186.66 Bcast:85.31.187.255 Mask:255.255.254.0  
inet6 addr: fe80::230:5ff:fee3:85ff/64 Scope:Link  
UP BROADCAST RUNNING MULTICAST MTU:1500 Metric:1  
RX packets:424372 errors:0 dropped:0 overruns:0 frame:0  
TX packets:89904 errors:0 dropped:0 overruns:0 carrier:0  
collisions:0 txqueuelen:1000  
RX bytes:189585227 (180.8 MiB) TX bytes:9085092 (8.6 MiB)  
Interrupt:209 Base address:0x4000

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:10 errors:0 dropped:0 overruns:0 frame:0  
TX packets:10 errors:0 dropped:0 overruns:0 carrier:0  
collisions:0 txqueuelen:0  
RX bytes:1120 (1.0 KiB) TX bytes:1120 (1.0 KiB)

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:5407 errors:0 dropped:0 overruns:0 frame:0  
TX packets:4719 errors:0 dropped:0 overruns:0 carrier:0  
collisions:0 txqueuelen:0  
RX bytes:807407 (788.4 KiB) TX bytes:453922 (443.2 KiB)

VE 10 needs to get following network data:

IP: 85.31.187.53

Broadcast: 85.31.187.255

Netmask: 255.255.254.0

Gateway: 85.31.187.1

I have tried simple venet and also veth, but I can not get it working

With venet, once logged into VE I can go outside (internet), I can also ping VE from VE0 (host), but I can not reach it from internet

Please help!?

Thanx  
Aleks

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Subject: Re: Can not make VE work on external IP  
Posted by [smilie](#) on Thu, 20 Sep 2007 21:44:26 GMT  
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For crying out loud...

I am almost there

Now, all works: except HN firewall (iptables) is blocking my VE to do DNS resolving.

Meaning, from VE:

```
[root@www /]# ping www.google.com  
ping: unknown host www.google.com
```

If I stop iptables on HN, then it works

I scooped through forum, tried many different solutions, yet it is not working

Please - HELP!

Thanx,  
Aleks

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Subject: Re: Can not make VE work on external IP  
Posted by [maratrus](#) on Fri, 21 Sep 2007 08:13:16 GMT  
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Hi,

You can reach your VE from internet with running firewall on your HN and with downing iptables you can DNS resolving, can't you?

Please, check, that the packets following from/to VE are not drop by firewall and DNS server is set on VE.

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Subject: Re: Can not make VE work on external IP  
Posted by [smilie](#) on Fri, 21 Sep 2007 16:47:20 GMT  
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Hi,

How can I work around which traffic should be open?! I really have very limited knowlegde of networks / networking

Please help (if you need info from some commands, that is not a problem)...

Regards,  
Aleks

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Subject: Re: Can not make VE work on external IP  
Posted by [maratrus](#) on Mon, 24 Sep 2007 06:52:13 GMT  
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Quote:[root@www /]# ping www.google.com

ping: unknown host www.google.com

1. Can you ping www.google.com using it IP address if firewall on your HN is on?

2. Please, type this command into VE and show the result:

"cat /etc/resolv.conf"

3. Can you show the result of "iptables -t filter -L" command on HN?

4. Also "iptables -t nat -L" (on HN)?

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Subject: [SOLVED] Re: Can not make VE work on external IP  
Posted by [smilie](#) on Mon, 24 Sep 2007 07:28:41 GMT  
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Hi,

I have disabled iptables on HN. It has further no services running on it as I will be running all from VPS itself.

Now it works all ok. I just had no time, nor nerves to bother with IP forwarding

Regards,  
Aleks

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