Subject: No networking, tried everything
Posted by Gematria7 on Sat, 18 Jun 2011 21:25:43 GMT
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Hello, I can't get networking working on my VPS. I've tried everything. The host uses DHCP to connect and obtain IP information.
Master:

```
[root@193 ~]# ifconfig
eth0      Link encap:Ethernet  HWaddr 48:5B:39:7E:71:A3
          inet addr:62.65.51.193  Bcast:62.65.51.255  Mask:255.255.252.0
          UP BROADCAST RUNNING MULTICAST  MTU:1500  Metric:1
          RX packets:150513 errors:0 dropped:0 overruns:0 frame:0
          TX packets:93908 errors:0 dropped:0 overruns:0 carrier:0
          collisions:0 txqueuelen:1000
          RX bytes:213172060 (203.2 MiB)  TX bytes:8531719 (8.1 MiB)
          Interrupt:233

lo        Link encap:Local Loopback
          inet addr:127.0.0.1  Mask:255.0.0.0
          UP LOOPBACK RUNNING  MTU:16436  Metric:1
          RX packets:4535 errors:0 dropped:0 overruns:0 frame:0
          TX packets:4535 errors:0 dropped:0 overruns:0 carrier:0
          collisions:0 txqueuelen:0
          RX bytes:9458061 (9.0 MiB)  TX bytes:9458061 (9.0 MiB)

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:3182 errors:0 dropped:0 overruns:0 frame:0
          TX packets:4898 errors:0 dropped:1 overruns:0 carrier:0
          collisions:0 txqueuelen:0
          RX bytes:413324 (403.6 KiB)  TX bytes:370120 (361.4 KiB)
```

resolv.conf

```
[root@193 ~]# cat /etc/resolv.conf
; generated by /sbin/dhclient-script
nameserver 194.126.97.30
nameserver 195.250.187.46
```

Route:

```
[root@193 ~]# route -n
Kernel IP routing table
Destination     Gateway         Genmask         Flags Metric Ref    Use Iface
62.65.51.192    0.0.0.0         255.255.255.255 UH    0      0        0 venet0
```

62.65.48.0 0.0.0.0 255.255.252.0 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 62.65.48.1 0.0.0.0 UG 0 0 0 eth0

Also, yes I've followed the setup guide on the wiki exactly, this is the 4th time I've tried from a fresh install.
VPS (CentOS 5.6):
[root@nikolai network-scripts]# cat ifcfg-venet0:0
DEVICE=venet0:0
ONBOOT=yes
IPADDR=62.65.51.192
NETMASK=255.255.255.255

[root@nikolai network-scripts]# cat ifcfg-venet0
DEVICE=venet0
BOOTPROTO=static
ONBOOT=yes
IPADDR=127.0.0.1
NETMASK=255.255.255.255
BROADCAST=62.65.48.0
IPV6INIT="yes"

Resolv.conf
NETWORKING="yes"
GATEWAYDEV="venet0"
NETWORKING_IPV6="yes"
IPV6_DEFAULTDEV="venet0"
HOSTNAME="nikolai.rune-vps.com"

Subject: Re: No networking, tried everything
Posted by fairweather on Mon, 20 Jun 2011 01:17:42 GMT
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Try stopping the CentOS firewall on your host.

ie:
$ service iptables stop

Subject: Re: No networking, tried everything
Posted by AnVir on Wed, 22 Jun 2011 23:10:13 GMT
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Try it:
sysctl net.ipv4.ip_forward=1

Subject: Re: No networking, tried everything
Posted by mustardman on Fri, 24 Jun 2011 16:31:05 GMT
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On the VM try:

iptables -F

Then when you reboot you lose connection again because it re-loads iptable rules. So you know you need to either disable iptables or change the rules.