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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:
```

```
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"
```

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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
```

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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

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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.

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