
Subject: 2 nics, 1st nic is private lan - I can't connect to the internet from VEs
Posted by [Karateka](#) on Sat, 17 Feb 2007 21:21:06 GMT

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Hello,

I have 1 private lan and 1 public internet nic, my ISP gave me the following details:

eth0 (Private) Server address: 10.10.156.194

Gateway: N/A

Netmask: 255.255.255.192

eth1 (Public) Server address: X.Y.151.90

Gateway: X.Y.151.89

Netmask: 255.255.255.248

Secondary address: X.Y.152.160

My ISP told me that the DNS resolvers are on the private lan only (10.0.80.11 and 10.0.80.12)

My goal is to get internet access from a VE.

I run an out of the box Centos 4.4 installation, installed OpenVZ as per your wiki guide and added X.Y.152.160 to my VE.

I can ping from outside and the HN to X.Y.152.160.

I can only ping the own public IP of the VE from the VE. I can't ping the private lan or the public net.

I was advised by the ISP to use public resolvers, so I used these resolvers (by Cisco):

```
NAMESERVER="128.107.241.185 192.135.250.69"
```

That didn't help.

Here is some data for diagnostics:

On HN:

```
# ip r
```

```
X.Y.152.160 dev venet0 scope link
```

```
X.Y.151.88/29 dev eth1 proto kernel scope link src X.Y.151.90
```

```
10.10.156.192/26 dev eth0 proto kernel scope link src 10.10.156.194
```

```
X.Y.152.0/24 dev eth1 proto kernel scope link src X.Y.152.160
```

```
169.254.0.0/16 dev eth1 scope link
```

```
10.0.0.0/8 via 10.10.156.193 dev eth0
```

```
default via 75.126.151.89 dev eth1
```

```
# ifconfig
```

```
eth0 Link encap:Ethernet HWaddr 00:30:48:32:2C:D0
```

```
inet addr:10.10.156.194 Bcast:10.10.156.255 Mask:255.255.255.192
```

```
inet6 addr: fe80::230:48ff:fe32:2cd0/64 Scope:Link
```

```
UP BROADCAST RUNNING MULTICAST MTU:1500 Metric:1
```

```
RX packets:207 errors:0 dropped:0 overruns:0 frame:0
```

TX packets:691 errors:0 dropped:0 overruns:0 carrier:0
collisions:0 txqueuelen:1000
RX bytes:29936 (29.2 KiB) TX bytes:48253 (47.1 KiB)
Base address:0x2000 Memory:d8000000-d8020000

eth1 Link encap:Ethernet HWaddr 00:30:48:32:2C:D1
inet addr:X.Y.151.90 Bcast:X.Y.151.95 Mask:255.255.255.248
inet6 addr: fe80::230:48ff:fe32:2cd1/64 Scope:Link
UP BROADCAST RUNNING MULTICAST MTU:1500 Metric:1
RX packets:168074 errors:0 dropped:0 overruns:0 frame:0
TX packets:107415 errors:0 dropped:0 overruns:0 carrier:0
collisions:0 txqueuelen:1000
RX bytes:242067188 (230.8 MiB) TX bytes:9050879 (8.6 MiB)
Base address:0x2020 Memory:d8020000-d8040000

eth1:0 Link encap:Ethernet HWaddr 00:30:48:32:2C:D1
inet addr:X.Y.152.160 Bcast:X.Y.152.255 Mask:255.255.255.0
UP BROADCAST RUNNING MULTICAST MTU:1500 Metric:1
Base address:0x2020 Memory:d8020000-d8040000

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:14 errors:0 dropped:0 overruns:0 frame:0
TX packets:14 errors:0 dropped:0 overruns:0 carrier:0
collisions:0 txqueuelen:0
RX bytes:1064 (1.0 KiB) TX bytes:1064 (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:421 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:31046 (30.3 KiB) TX bytes:0 (0.0 b)

On VE:

```
# ip r  
192.0.2.0/24 dev venet0 scope host  
169.254.0.0/16 dev venet0 scope link  
default via 192.0.2.1 dev venet0
```

ifconfig

```
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: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 Link encap:UNSPEC HWaddr 00-00-00-00-00-00-00-00-00-00-00-00-00-00-00-00-00
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:60 errors:0 dropped:0 overruns:0 carrier:0
collisions:0 txqueuelen:0
RX bytes:0 (0.0 b) TX bytes:4506 (4.4 KiB)

venet0:0 Link encap:UNSPEC HWaddr 00-00-00-00-00-00-00-00-00-00-00-00-00-00-00-00-00
inet addr:X.Y.152.160 P-t-P:X.Y.152.160 Bcast:X.Y.152.160 Mask:255.255.255.255
UP BROADCAST POINTOPOINT RUNNING NOARP MTU:1500 Metric:1
