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Subject: Re: Connect VE to two different networks on two different NIC's  
Posted by [abachn](#) on Wed, 09 May 2007 07:03:30 GMT

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HN1 (non openvz system, names christa)

christa ~ # ip a l

```
1: eth0: <BROADCAST,MULTICAST,UP,10000> mtu 1500 qdisc pfifo_fast qlen 1000
   link/ether 00:0b:cd:29:41:fb brd ff:ff:ff:ff:ff:ff
   inet 10.0.0.154/24 brd 10.0.0.255 scope global eth0
   inet6 fe80::20b:cdf:fe29:41fb/64 scope link
       valid_lft forever preferred_lft forever
2: eth1: <BROADCAST,MULTICAST,UP,10000> mtu 1500 qdisc pfifo_fast qlen 1000
   link/ether 00:0b:cd:29:41:fa brd ff:ff:ff:ff:ff:ff
   inet 217.195.176.154/24 brd 217.195.176.255 scope global eth1
   inet6 fe80::20b:cdf:fe29:41fa/64 scope link
       valid_lft forever preferred_lft forever
3: lo: <LOOPBACK,UP,10000> mtu 16436 qdisc noqueue
   link/loopback 00:00:00:00:00:00 brd 00:00:00:00:00:00
   inet 127.0.0.1/8 brd 127.255.255.255 scope host lo
   inet6 ::1/128 scope host
       valid_lft forever preferred_lft forever
4: sit0: <NOARP> mtu 1480 qdisc noop
   link/sit 0.0.0.0 brd 0.0.0.0
```

christa ~ # ip r l

```
217.195.176.0/24 dev eth1 proto kernel scope link src 217.195.176.154
10.0.0.0/24 dev eth0 proto kernel scope link src 10.0.0.154
127.0.0.0/8 dev lo scope link
default via 217.195.176.1 dev eth1
```

I can ping all other combinations of hosts but not on the private class A network from VE1 (citha) to HN1 (christa)

Here are the information on citha!

citha / # ifconfig

```
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: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
      inet addr:217.195.176.141  P-t-P:217.195.176.141  Bcast:0.0.0.0  Mask:255.255.255.255
      UP BROADCAST POINTOPOINT RUNNING NOARP  MTU:1500  Metric:1
      RX packets:17740 errors:0 dropped:0 overruns:0 frame:0
```

TX packets:17899 errors:0 dropped:0 overruns:0 carrier:0  
collisions:0 txqueuelen:0  
RX bytes:1692354 (1.6 Mb) TX bytes:2990896 (2.8 Mb)

venet0:1 Link encap:UNSPEC HWaddr 00-00-00-00-00-00-00-00-00-00-00-00-00-00-00-00  
inet addr:10.0.0.141 P-t-P:10.0.0.141 Bcast:0.0.0.0 Mask:255.255.255.255  
UP BROADCAST POINTOPOINT RUNNING NOARP MTU:1500 Metric:1  
RX packets:17740 errors:0 dropped:0 overruns:0 frame:0  
TX packets:17899 errors:0 dropped:0 overruns:0 carrier:0  
collisions:0 txqueuelen:0  
RX bytes:1692354 (1.6 Mb) TX bytes:2990896 (2.8 Mb)

citha / # ip a l

1: lo: <LOOPBACK,UP,10000> mtu 16436 qdisc noqueue  
link/loopback 00:00:00:00:00:00 brd 00:00:00:00:00:00  
inet 127.0.0.1/8 scope host lo

3: venet0: <BROADCAST,POINTOPOINT,NOARP,UP,10000> mtu 1500 qdisc noqueue  
link/void  
inet 217.195.176.141/32 scope global venet0  
inet 10.0.0.141/32 scope global venet0:1

citha / # ip r l

192.0.2.0/24 dev venet0 scope link  
127.0.0.0/8 via 127.0.0.1 dev lo scope link  
default via 192.0.2.1 dev venet0