
Subject: Re: *SOLVED* Access two subnets on two different NICs from VE with venet adapter

Posted by [kraln](#) on Fri, 16 May 2008 15:05:21 GMT

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I think I have a similar issue.

I have two subnets assigned to me, but only one interface (and one default route). I managed to fix this once, but when I just had to reboot the machine, one of the subnets stopped working.

I have 38.100.42.248/29, HN is 38.100.42.250, 38.100.42.249 is the default gateway.

I also have 38.105.84.192/28.

When the machine came back up, the nodes in the 38.100.42.248 subnet all work but the ones in the 38.105.84.192 subnet all don't.

I don't have any iptables or such malarkey running. Help?

(more info:)

```
[root@pyxis ~]# vzlist
  VEID   NPROC STATUS IP_ADDR
  100    66 running 38.100.42.251
  101     6 running 38.100.42.252
  105    37 running 38.100.42.253
  197    10 running 38.105.84.197
  199     8 running 38.105.84.199
  200     3 running 38.100.42.254
  201     6 running 38.105.84.201
  202    23 running 38.105.84.202
```

```
[root@pyxis ~]# ip r
38.105.84.197 dev venet0 scope link
38.105.84.199 dev venet0 scope link
38.100.42.251 dev venet0 scope link
38.100.42.252 dev venet0 scope link
38.105.84.201 dev venet0 scope link
38.100.42.253 dev venet0 scope link
38.105.84.202 dev venet0 scope link
38.100.42.254 dev venet0 scope link
38.100.42.248/29 dev eth0 proto kernel scope link src 38.100.42.250
38.105.84.192/28 dev eth0 scope link src 38.100.42.250
169.254.0.0/16 dev eth0 scope link
default via 38.100.42.249 dev eth0
```

```
[root@pyxis ~]# route
Kernel IP routing table
```

Destination	Gateway	Genmask	Flags	Metric	Ref	Use	Iface
38.105.84.197	*	255.255.255.255	UH	0	0	0	venet0
38.105.84.199	*	255.255.255.255	UH	0	0	0	venet0
38.100.42.251	*	255.255.255.255	UH	0	0	0	venet0
38.100.42.252	*	255.255.255.255	UH	0	0	0	venet0
38.105.84.201	*	255.255.255.255	UH	0	0	0	venet0
38.100.42.253	*	255.255.255.255	UH	0	0	0	venet0
38.105.84.202	*	255.255.255.255	UH	0	0	0	venet0
38.100.42.254	*	255.255.255.255	UH	0	0	0	venet0
38.100.42.248	*	255.255.255.248	U	0	0	0	eth0
38.105.84.192	*	255.255.255.240	U	0	0	0	eth0
169.254.0.0	*	255.255.0.0	U	0	0	0	eth0
default	38.100.42.249	0.0.0.0	UG	0	0	0	eth0

```
[root@pyxis ~]# ifconfig
```

```
eth0  Link encap:Ethernet HWaddr 00:30:48:97:E2:70
      inet addr:38.100.42.250 Bcast:38.100.42.255 Mask:255.255.255.248
      UP BROADCAST RUNNING MULTICAST MTU:1500 Metric:1
      RX packets:316748 errors:0 dropped:0 overruns:0 frame:0
      Base address:0x4000 Memory:d0100000-d0120000
```

```
eth0:1  Link encap:Ethernet HWaddr 00:30:48:97:E2:70
       inet addr:38.105.84.193 Bcast:38.105.84.207 Mask:255.255.255.240
       UP BROADCAST RUNNING MULTICAST MTU:1500 Metric:1
       Base address:0x4000 Memory:d0100000-d0120000
```

```
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:478279 errors:0 dropped:0 overruns:0 frame:0
       TX packets:301962 errors:0 dropped:0 overruns:0 carrier:0
       collisions:0 txqueuelen:0
       RX bytes:194917730 (185.8 MiB) TX bytes:42197245 (40.2 MiB)
```