
Subject: Re: All routable IP addresses all on the same vlan

Posted by [thezeke](#) on Fri, 14 Dec 2007 19:49:38 GMT

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maratrus wrote on Fri, 14 December 2007 04:59Hi,

When your VPS starts vzctl add additional route to your route table (to get your VPS) but I can't see it in your case. Let's conduct such experiment:

a) we add it manually:

```
#ip ro add <VE_IP> dev venet0 src <HN_IP>
```

<VE_IP> - your VPS ip

<HN_IP> - your HN ip

This returns an error...

```
[root@sls-ab2p14 ~]# ip ro add 209.160.28.232 dev venet0 src 209.160.40.18
```

RTNETLINK answers: No such device

```
[root@sls-ab2p14 ~]# ifconfig
```

```
eth0    Link encap:Ethernet  HWaddr 00:0E:0C:7F:0E:C7
        inet addr:209.160.40.18  Bcast:209.160.47.255  Mask:255.255.248.0
        UP BROADCAST RUNNING MULTICAST  MTU:1500  Metric:1
        RX packets:7017484 errors:0 dropped:0 overruns:0 frame:0
        TX packets:150131 errors:0 dropped:0 overruns:0 carrier:0
        collisions:0 txqueuelen:1000
        RX bytes:886948228 (845.8 MiB)  TX bytes:20420162 (19.4 MiB)
```

```
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:216 errors:0 dropped:0 overruns:0 frame:0
        TX packets:216 errors:0 dropped:0 overruns:0 carrier:0
        collisions:0 txqueuelen:0
        RX bytes:284460 (277.7 KiB)  TX bytes:284460 (277.7 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:2833 errors:0 dropped:0 overruns:0 frame:0
        TX packets:13 errors:0 dropped:0 overruns:0 carrier:0
        collisions:0 txqueuelen:0
        RX bytes:237604 (232.0 KiB)  TX bytes:1092 (1.0 KiB)
```

Quote:b) after this experiment can you ping your VPS from HN and HN from inside the VPS?

c) can you ping your VE from outside?

d) if no. Can you please observe once again is there "arp reply" from you HN when you ping your VPS from the outside or ping your HN from the outside.

I can't do the above tests.

Quote:2. What version of vzctl do you use?

```
[root@sls-ab2p14 ~]# vzctl | head -1
```

```
vzctl version 3.0.18
```

Quote:3. What kernel do you use?

```
[root@sls-ab2p14 ~]# uname -a
Linux sls-ab2p14.sea2.superbservers.com 2.6.9-023stab044.11 #1 Sun Sep 30 13:30:10 MSD
2007 i686 i686 i386 GNU/Linux
[root@sls-ab2p14 ~]# cat /etc/redhat-release
CentOS release 4.5 (Final)
Quote:4. What kind of OS template do you use for your VE?
centos-4-i386-default
```
