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

Posted by [thezeke](#) on Thu, 13 Dec 2007 18:13:31 GMT

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Quote:Hi,

1. Can you please show an output of the "ip a l" from HN?

```
[root@sls-ab2p14 ~]# ip a l
```

```
2: lo: <LOOPBACK,UP> 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
```

```
4: eth0: <BROADCAST,MULTICAST,UP> mtu 1500 qdisc pfifo_fast qlen 1000
```

```
link/ether 00:0e:0c:7f:0e:c7 brd ff:ff:ff:ff:ff:ff
```

```
inet 209.160.40.18/21 brd 209.160.47.255 scope global eth0
```

```
1: venet0: <BROADCAST,POINTOPOINT,NOARP,UP> mtu 1500 qdisc noqueue
```

```
link/void
```

Quote:2. Are you sure that you have shown your routing table from HN when your VPS was started?

"ip ro l" on HN (when VPS started)

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

```
VEID      NPROC STATUS IP_ADDR      HOSTNAME
```

```
101       16 running 209.160.28.232 vps101
```

```
[root@sls-ab2p14 ~]# ip ro l
```

```
209.160.40.0/21 dev eth0 proto kernel scope link src 209.160.40.18
```

```
169.254.0.0/16 dev eth0 scope link
```

```
default via 209.160.40.1 dev eth0
```

Quote:3. "arp -n" on HN (when VPS started)

```
[root@sls-ab2p14 ~]# arp -n
```

```
Address          HWtype HWaddress      Flags Mask        Iface
```

```
209.160.40.1      ether  00:00:0C:07:AC:0F C           eth0
```

```
209.160.28.232    *      *              MP          eth0
```

Quote:4. You can use "tcpdump" to determine the packages behaviour.

When you ping VPS from the outside please provide us with such information:

- Is arp request comes to HN?

Using "tcpdump -nn -i eth0 icmp or arp" for these tests.

I see an arp request

Quote:- Is it replies?

There is no reply, every ping packet triggers and arp request but there is no reply.

Quote:- Is ping request comes to HN?

After sending some pings from outside I see no ICMP traffic on the HN whatsoever. I do see the arp requests as mentioned above however.

Quote:- Can we observe it on venet on HN?

I see absolutely no traffic on venet0.

Quote:- Can we observe it inside VPS?

There is nothing, I tried tcpdump after entering the VE but saw absolutely no traffic whatsoever.

Quote:- Is VPS replies?

I cannot ping the HN from within the VE and I cannot ping the VE from the HW

(HN-209.160.40.18, VE-209.160.28.232)

Quote:- Can we observe this reply on HN?

No echo request from within the VE and no reply on the HN (of course)

Quote:- Is it goes outside?

Nothing goes outside from the VE.

Quote:Thank You!

Thank you.

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