
Subject: Re: HN and VPS with differen /24 are not working - is this not possible?

Posted by [disaster](#) on Fri, 06 Jun 2008 09:22:07 GMT

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Sorry i meant XX.185.176.28. So it is on the same /24.

- firewall on the HN rejects traffic

No:

```
# iptables -t nat -L && iptables -t filter -L && iptables -t mangle -L
```

```
Chain PREROUTING (policy ACCEPT)
```

```
target    prot opt source                destination
```

```
Chain POSTROUTING (policy ACCEPT)
```

```
target    prot opt source                destination
```

```
Chain OUTPUT (policy ACCEPT)
```

```
target    prot opt source                destination
```

```
Chain INPUT (policy ACCEPT)
```

```
target    prot opt source                destination
```

```
Chain FORWARD (policy ACCEPT)
```

```
target    prot opt source                destination
```

```
ACCEPT    0    -- VPSIP anywhere
```

```
ACCEPT    0    -- anywhere            VPSIP
```

```
Chain OUTPUT (policy ACCEPT)
```

```
target    prot opt source                destination
```

```
Chain PREROUTING (policy ACCEPT)
```

```
target    prot opt source                destination
```

```
Chain INPUT (policy ACCEPT)
```

```
target    prot opt source                destination
```

```
Chain FORWARD (policy ACCEPT)
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target    prot opt source                destination
```

```
Chain OUTPUT (policy ACCEPT)
```

```
target    prot opt source                destination
```

```
Chain POSTROUTING (policy ACCEPT)
```

```
target    prot opt source                destination
```

- your network configuration doesn't allow to set random IP (your router can reject such kind of traffic)

Mhm what do you mean with random IP? Also other Servers on the same Switch uses

XX.185.183.XX IPs without problems.

OK here are more informations:
HN:

```
ip route list
XX.158.176.0/24 dev eth0 proto kernel scope link src XX.158.176.27
default via XX.158.176.1 dev eth0
```

VPS:

```
# route -n
Kernel IP routing table
Destination Gateway Genmask Flags Metric Ref Use Iface
192.0.2.1 0.0.0.0 255.255.255.255 UH 0 0 0 venet0
0.0.0.0 192.0.2.1 0.0.0.0 UG 0 0 0 venet0
```

I've checked with tcpdump, that traffic goes OUT but not in and this is an ARP problem. If i ping the IP of the VPS from another server in the same network than the HN does not respond.

```
arp -v
Address HWtype HWaddress Flags Mask Iface
VPSIP (incomplete) eth0
```
