
Subject: ***SOLVED*** SSH to VPS address connects to HN

Posted by [cmorland](#) on Wed, 27 Sep 2006 18:41:13 GMT

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I just setup OpenVZ and I have configured a VPS using the prebuilt CentOS-standard template for the VPS. My host network address is 192.168.15.72 and the VPS address is 192.168.14.74. My problem is that when I try to ssh to the VPS address I end up connecting to the host node. How can I correct this so that any request to 192.168.14.74 connects to the VPS rather than the host node.

```
[root@host-node cache]# vzctl start 101
Starting VPS ...
VPS is mounted
Adding IP address(es): 192.168.14.74
Setting CPU units: 1000
VPS start in progress...
[root@host-node cache]# ssh 192.168.14.74
root@192.168.14.74's password:
[root@host-node ~]#
```

See below for some debug info. If you need anything else let me know.

```
[root@host-node cache]# uname -a
Linux inhouse 2.6.8-022stab078.21-smp #1 SMP Sat Sep 9 00:34:35 MSD 2006 i686 i686 i386
GNU/Linux
```

```
[root@host-node cache]# ip r l
192.168.14.74 dev venet0 scope link src 192.168.15.72
192.168.14.0/23 dev eth0 proto kernel scope link src 192.168.15.72
169.254.0.0/16 dev eth0 scope link
default via 192.168.14.1 dev eth0
```

```
[root@host-node cache]# iptables -t nat -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
```

```
[root@host-node cache]# sysctl -p /etc/sysctl.conf
net.ipv4.conf.default.accept_source_route = 0
kernel.sysrq = 0
kernel.core_uses_pid = 1
net.ipv4.ip_forward = 1
net.ipv4.conf.default.proxy_arp = 0
```

```
net.ipv4.conf.all.rp_filter = 1
kernel.sysrq = 1
net.ipv4.conf.default.send_redirects = 1
net.ipv4.conf.all.send_redirects = 0
```

```
[root@vps101]# ip r l
191.255.255.0/24 dev venet0 scope host
169.254.0.0/16 dev venet0 scope link
default via 191.255.255.1 dev venet0
```

```
[root@vps101]# ip a l
1: 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
3: venet0: <BROADCAST,POINTOPOINT,NOARP,UP> mtu 1500 qdisc noqueue
    link/void
    inet 127.0.0.1/32 scope host venet0
    inet 192.168.14.74/32 brd 192.168.14.74 scope global venet0:0
```

Subject: Re: SSH to VPS address connects to HN
Posted by [Vasily Tarasov](#) on Thu, 28 Sep 2006 07:51:37 GMT
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Hi, do you determine, that you're on HN not in VE only by shell invitation? If so, can you check directory tree, etc, please, to find more infication that you're not in VE.

Thanks!

Subject: Re: SSH to VPS address connects to HN
Posted by [cmorland](#) on Thu, 28 Sep 2006 15:14:25 GMT
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LOL! Looks like it was just my bash prompt confusing me! It turns out that my VE somehow inherited the hostname from the HN. Looking back at my create command I didn't specify the hostname option. Doh!
