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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
```

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