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Subject: \*SOLVED\* venet, "connect: Invalid argument"  
Posted by [sHaggY\\_caT](#) on Sat, 04 Oct 2008 19:04:41 GMT  
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\* <http://lists.altlinux.org/pipermail/sysadmins/2006-August/007752.html>

HN:

```
[shaggycat@hn scripts]$ cat /etc/redhat-release  
CentOS release 5.2 (Final)
```

```
[shaggycat@hn scripts]$ uname -a  
Linux hn 2.6.18-92.1.1.el5.028stab057.2 #1 SMP Mon Jul 21 20:55:45 MSD 2008 i686 i686 i386  
GNU/Linux
```

```
[shaggycat@hn scripts]$ rpm -qa | grep vz | grep -v vztmpl-  
ovzkernel-2.6.18-92.1.1.el5.028stab057.2  
vzrpm44-4.4.1-22.5  
vzrpm43-python-4.3.3-7_nonptl.6  
vzdump-1.0-2  
ovzkernel-devel-2.6.18-92.1.1.el5.028stab057.2  
vzctl-lib-3.0.22-1  
vzctl-3.0.22-1  
vzyum-2.4.0-11  
vzrpm44-python-4.4.1-22.5  
vzrpm43-4.3.3-7_nonptl.6  
vzquota-3.0.11-1  
vzpkg-2.7.0-18
```

```
[shaggycat@hn scripts]$ cat /etc/sysctl.conf | grep -v "#"  
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  
kernel.sysrq = 1  
net.ipv4.conf.default.forwarding=1
```

net.ipv4.conf.all.forwarding=1

10.0.5.0/24

```
[shaggycat@hn scripts]$ ip r ls
10.0.10.20 dev venet0  scope link  src 10.0.5.10
10.0.10.3 dev venet0  scope link  src 10.0.5.10
10.0.9.26 dev venet0  scope link  src 10.0.5.10
10.0.10.2 dev venet0  scope link  src 10.0.5.10
10.0.9.21 dev venet0  scope link  src 10.0.5.10
10.0.9.20 dev venet0  scope link  src 10.0.5.10
10.0.10.10 dev venet0  scope link  src 10.0.5.10
10.0.5.0/24 dev eth1  proto kernel  scope link  src 10.0.5.10
xx.xx.xx.xx/24 dev eth0  proto kernel  scope link  src xx.xx.xx.xx
169.254.0.0/16 dev venet0  scope link
default via xx.xx.xx.xx dev eth0
```

```
[root@test_centos_2 ~]# ifconfig venet0:0
venet0:0 Link encap:UNSPEC HWaddr 00-00-00-00-00-00-00-00-00-00-00-00-00-00-00
    inet addr:10.0.9.26 P-t-P:10.0.9.26 Bcast:10.0.9.26 Mask:255.255.255.255
    UP BROADCAST POINTOPOINT RUNNING NOARP MTU:1500 Metric:1
[root@test_centos_2 ~]# ping -c 1 10.0.10.2
PING 10.0.10.2 (10.0.10.2) 56(84) bytes of data.
64 bytes from 10.0.10.2: icmp_seq=1 ttl=64 time=0.131 ms

--- 10.0.10.2 ping statistics ---
1 packets transmitted, 1 received, 0% packet loss, time 0ms
rtt min/avg/max/mdev = 0.131/0.131/0.131/0.000 ms
```

```
[root@test_centos_2 ~]# ping 10.0.5.2
connect: Invalid argument
[root@test_centos_2 ~]#
[root@test_centos_2 ~]# ping 10.0.5.10
connect: Invalid argument
```

```
[root@test_centos_2 ~]# ip r ls
10.0.5.0/24 dev venet0 scope host
169.254.0.0/16 dev venet0 scope link
default via 10.0.5.10 dev venet0
[root@test_centos_2 ~]#
```