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Subject: centos + OpenVZ network issue

Posted by [sharonsreedh](#) on Fri, 20 Apr 2012 04:02:37 GMT

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Hi,

Am unable to connect my guest OS(centos2.6.18-308.el5.028stab099.3) to internet. Please help am totaly lost.

My setup

```
#cat ifcfg-eth0
```

```
# Intel Corporation PRO/100 VE Network Connection
```

```
DEVICE=eth0
```

```
BOOTPROTO=dhcp
```

```
HWADDR=00:19:D1:ED:E6:6A
```

```
ONBOOT=yes
```

```
TYPE=Ethernet
```

```
=====
```

```
#cat ifcfg-venet0
```

```
DEVICE=venet0
```

```
BOOTPROTO=static
```

```
ONBOOT=yes
```

```
IPADDR=127.0.0.1
```

```
NETMASK=255.255.255.255
```

```
BROADCAST=0.0.0.0
```

```
=====
```

```
#cat ifcfg-venet0:0
```

```
DEVICE=venet0:0
```

```
ONBOOT=yes
```

```
IPADDR=192.168.22.11
```

```
NETMASK=255.255.255.255
```

```
GATEWAY=192.168.1.2
```

```
=====
```

```
# cat /etc/sysctl.conf
```

```
net.ipv4.conf.default.forwarding = 1
```

```
net.ipv4.conf.default.proxy_arp = 0
```

```
net.ipv4.ip_forward = 1
```

```
net.ipv4.conf.default.rp_filter = 1
```

```
net.ipv4.conf.all.rp_filter=1
```

```
net.ipv4.conf.default.accept_source_route = 0
```

```
kernel.sysrq = 1
```

```
kernel.core_uses_pid = 1
```

```
net.ipv4.tcp_syncookies = 1
```

```
kernel.msgmnb = 65536
```

```
kernel.msgmax = 65536
```

```
kernel.shmmax = 4294967295
```

```
kernel.shmall = 268435456
```

```

net.ipv4.conf.default.proxy_arp = 0
net.ipv4.conf.default.send_redirects = 1
net.ipv4.conf.all.send_redirects = 0
net.ipv4.conf.eth0.proxy_arp = 1
net.ipv4.icmp_echo_ignore_broadcasts=1
===== ==
#sysctl -p

net.ipv4.conf.default.forwarding = 1
net.ipv4.conf.default.proxy_arp = 0
net.ipv4.ip_forward = 1
net.ipv4.conf.default.rp_filter = 1
net.ipv4.conf.all.rp_filter = 1
net.ipv4.conf.default.accept_source_route = 0
kernel.sysrq = 1
kernel.core_uses_pid = 1
net.ipv4.tcp_syncookies = 1
kernel.msgmnb = 65536
kernel.msgmax = 65536
kernel.shmmax = 4294967295
kernel.shmall = 268435456
net.ipv4.conf.default.proxy_arp = 0
net.ipv4.conf.default.send_redirects = 1
net.ipv4.conf.all.send_redirects = 0
net.ipv4.conf.eth0.proxy_arp = 1
net.ipv4.icmp_echo_ignore_broadcasts = 1
===== ==
# route
Kernel IP routing table
Destination Gateway Genmask Flags Metric Ref Use Iface
117.207.232.1 * 255.255.255.255 UH 0 0 0 ppp0
192.168.22.11 * 255.255.255.255 UH 0 0 0 venet0
192.168.1.0 * 255.255.255.0 U 0 0 0 eth0
192.168.122.0 * 255.255.255.0 U 0 0 0 virbr0
169.254.0.0 * 255.255.0.0 U 0 0 0 eth0
default * 0.0.0.0 U 0 0 0 ppp0
===== ==
# ip route
117.207.232.1 dev ppp0 proto kernel scope link src 117.207.238.235
192.168.22.11 dev venet0 scope link
192.168.1.0/24 dev eth0 proto kernel scope link src 192.168.1.2
192.168.122.0/24 dev virbr0 proto kernel scope link src 192.168.122.1
169.254.0.0/16 dev eth0 scope link
default dev ppp0 scope link
===== ==

#vzctl create 101 --ostemplate centos-5-x86 -config basic
#vzctl set 101 --ipadd 192.168.22.11 --save

```

```
#vzctl set 101 --nameserver 218.248.245.1 218.248.255.139 --save
#vzctl set 101 --hostname server101.myvps.com --save
#vzctl 101 start
#vzctl enter 101
3entered into CT 101
[root@server101 /]#
```

```
#route
```

```
Kernel IP routing table
```

| Destination | Gateway | Genmask     | Flags | Metric | Ref | Use | Iface  |
|-------------|---------|-------------|-------|--------|-----|-----|--------|
| 169.254.0.0 | *       | 255.255.0.0 | U     | 0      | 0   | 0   | venet0 |
| default     | *       | 0.0.0.0     | U     | 0      | 0   | 0   | venet0 |

```
# ip route
```

```
169.254.0.0/16 dev venet0 scope link
```

```
default dev venet0 scope link
```

```
#ping google.com
```

```
ping: unknown host google.com
```