Subject: centos + OpenVZ network issue
Posted by sharonsreedh on Sun, 22 Apr 2012 10:45:42 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
```