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Subject: loopback problem on some container  
Posted by [chut](#) on Fri, 19 Apr 2013 12:48:06 GMT  
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Can somebody help me.

On my VPS Host  
HP ProLiant 165G7  
2x AMD Opteron 6128  
ECC DDR3 4x 4GB Transcend UDIMM  
2x WD 2TB Black with RAID SW (OS and SWAP)  
1x IBM HBA, 2 Dual SAS Port

IBM DS3512 with Dual Controller  
6x IBM SAS NL 2TB with RAID Level 10 (VPS Container Data)

All my vps running on SolusVM 1.13.03 License (VPS Control Panel)

but some Container is issue with telnet i try to rebuild new os  
1. centos 5 x86\_64 - not working on test telnet 127.0.0.1 80  
2. centos 6 x86\_64 - not working on test telnet 127.0.0.1 80

on my VPS Host i test with nmap

```
[root@vpsserver3 ~]# df -h
Filesystem      Size  Used Avail Use% Mounted on
/dev/md1        1.7T  2.1G  1.6T   1% /
tmpfs           7.8G   0 7.8G   0% /dev/shm
/dev/mapper/mpathbp1 493G  132G  337G  29% /backup_SAN
/dev/mapper/mpathbp2  20G   1.1G   18G   6% /var
/dev/mapper/mpathap1 2.0T  278G  1.6T  15% /vz
/dev/mapper/mpathcp1 2.0T   199M  1.9T   1% /vz2
/dev/mapper/mpathbp3 957G   200M  908G   1% /vz3
[root@vpsserver3 ~]#
```

```
[root@vpsserver3 ~]# uname -a
Linux vpsserver3.dlthost.com 2.6.32-042stab076.5 #1 SMP Mon Mar 18 20:41:34 MSK 2013
x86_64 x86_64 x86_64 GNU/Linux
```

```
[root@vpsserver3 ~]# nmap -p2086,2087 203.151.45.x6
```

```
Starting Nmap 5.51 at 2013-04-19 19:26 ICT
Failed to find device venet0 which was referenced in /proc/net/route
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Note: Host seems down. If it is really up, but blocking our ping probes, try -Pn  
Nmap done: 1 IP address (0 hosts up) scanned in 0.51 seconds

```
[root@vpsserver3 ~]# sysctl -p
net.ipv4.ip_forward = 1
net.ipv6.conf.default.forwarding = 1
net.ipv6.conf.all.forwarding = 1
net.ipv4.conf.default.proxy_arp = 0
net.ipv4.conf.all.rp_filter = 1
kernel.sysrq = 1
kernel.core_uses_pid = 1
net.ipv4.tcp_syncookies = 1
net.ipv4.conf.default.send_redirects = 1
net.ipv4.conf.all.send_redirects = 0
error: "net.ipv4.ip_conntrack_max" is an unknown key
kernel.shmall = 4294967296
net.core.netdev_max_backlog = 2048
net.core.dev_weight = 64
net.ipv4.tcp_rmem = 4096 87380 16777216
net.ipv4.tcp_wmem = 4096 65536 16777216
net.ipv4.tcp_rfc1337 = 1
net.ipv4.tcp_sack = 0
net.ipv4.tcp_fin_timeout = 20
net.ipv4.tcp_keepalive_probes = 5
net.ipv4.tcp_max_orphans = 32768
net.core.optmem_max = 20480
net.core.rmem_default = 16777216
net.core.rmem_max = 16777216
net.core.wmem_default = 16777216
net.core.wmem_max = 16777216
net.core.somaxconn = 500
net.ipv4.tcp_orphan_retries = 1
net.ipv4.tcp_max_tw_buckets = 540000
[root@vpsserver3 ~]#
```

```
[root@vpsserver3 ~]# ifconfig
eth0    Link encap:Ethernet  HWaddr xx:xx:DE:F1:B1:CE
        inet addr:203.151.45.x1  Bcast:203.151.45.255  Mask:255.255.254.0
```

```
inet6 addr: xxxx::xxxx:deff:fef1:b1ce/64 Scope:Link
UP BROADCAST RUNNING MULTICAST MTU:1500 Metric:1
RX packets:189829860 errors:0 dropped:0 overruns:890 frame:0
TX packets:241780265 errors:0 dropped:0 overruns:0 carrier:0
collisions:0 txqueuelen:1000
RX bytes:48337595152 (45.0 GiB) TX bytes:174247780127 (162.2 GiB)
Memory:fea60000-fea80000
```

```
eth3 Link encap:Ethernet HWaddr xx:xx:DE:F1:B1:CD
inet addr:203.151.45.x2 Bcast:203.151.45.255 Mask:255.255.254.0
inet6 addr: xxxx::xxxx:deff:fef1:b1cd/64 Scope:Link
UP BROADCAST RUNNING MULTICAST MTU:1500 Metric:1
RX packets:4052234 errors:0 dropped:0 overruns:0 frame:0
TX packets:512 errors:0 dropped:0 overruns:0 carrier:0
collisions:0 txqueuelen:1000
RX bytes:1258038993 (1.1 GiB) TX bytes:32220 (31.4 KiB)
Memory:fe9e0000-fea00000
```

```
lo Link encap:Local Loopback
inet addr:127.0.0.1 Mask:255.0.0.0
inet6 addr: ::1/128 Scope:Host
UP LOOPBACK RUNNING MTU:16436 Metric:1
RX packets:3987227 errors:0 dropped:0 overruns:0 frame:0
TX packets:3987227 errors:0 dropped:0 overruns:0 carrier:0
collisions:0 txqueuelen:0
RX bytes:992490479 (946.5 MiB) TX bytes:992490479 (946.5 MiB)
```

```
venet0 Link encap:UNSPEC HWaddr 00-00-00-00-00-00-00-00-00-00-00-00-00-00-00-00
UP BROADCAST POINTOPOINT RUNNING NOARP MTU:1500 Metric:1
RX packets:242021075 errors:0 dropped:0 overruns:0 frame:0
TX packets:184395002 errors:0 dropped:1765 overruns:0 carrier:0
collisions:0 txqueuelen:0
RX bytes:171037784143 (159.2 GiB) TX bytes:42984061114 (40.0 GiB)
```

```
[root@vpsserver3 ~]#
```

On my Container IP : 203.151.45.x6 (CentOS 6 x86\_64)  
- Install cPanel VPS

```
[root@migration /]# ifconfig
lo Link encap:Local Loopback
inet addr:127.0.0.1 Mask:255.0.0.0
UP LOOPBACK RUNNING MTU:16436 Metric:1
RX packets:576 errors:0 dropped:0 overruns:0 frame:0
TX packets:576 errors:0 dropped:0 overruns:0 carrier:0
collisions:0 txqueuelen:0
RX bytes:34560 (33.7 KiB) TX bytes:34560 (33.7 KiB)
```

```
venet0 Link encap:UNSPEC HWaddr 00-00-00-00-00-00-00-00-00-00-00-00-00-00-00-00
inet addr:127.0.0.1 P-t-P:127.0.0.1 Bcast:0.0.0.0 Mask:255.255.255.255
UP BROADCAST POINTOPOINT RUNNING NOARP MTU:1500 Metric:1
RX packets:3100 errors:0 dropped:0 overruns:0 frame:0
TX packets:3123 errors:0 dropped:0 overruns:0 carrier:0
collisions:0 txqueuelen:0
RX bytes:510453 (498.4 KiB) TX bytes:281511 (274.9 KiB)
```

```
venet0:0 Link encap:UNSPEC HWaddr 00-00-00-00-00-00-00-00-00-00-00-00-00-00-00-00
inet addr:203.151.45.76 P-t-P:203.151.45.76 Bcast:203.151.45.76 Mask:255.255.255.255
UP BROADCAST POINTOPOINT RUNNING NOARP MTU:1500 Metric:1
```

```
[root@migration /]# tail -f /etc/hosts
#::1 localhost localhost.localdomain localhost6 localhost6.localdomain6
127.0.0.1 localhost.localdomain localhost localhost4.localdomain4 localhost4
# Auto-generated hostname. Please do not remove this comment.
203.151.45.x6 migration.xxxxhost.com migration
::1 localhost
```

```
[root@migration /]# telnet localhost 2086
Trying 127.0.0.1...
telnet: connect to address 127.0.0.1: Connection timed out
Trying ::1...
telnet: connect to address ::1: Network is unreachable
```

```
[root@migration /]# service cpanel status
cpsrvd (pid 9181) is running...
entropychat is stopped
stunnel is stopped
interchange is stopped
qrunner is stopped
```

```
[root@migration /]# sysctl -p
net.ipv4.ip_forward = 0
net.ipv4.tcp_syncookies = 1
net.ipv6.conf.all.disable_ipv6 = 1
net.ipv6.conf.default.disable_ipv6 = 1
[root@migration /]#
```

In other my Container use Kloxo MR with CentOS 6.4 x86\_64 (Nginx 1.3.14, PHP-FPM 5.3.21, MySQL 5.5, BIND 9.9.2-P1-RedHat-9.9.2-2.P1.el6)  
- this my Container working without error on telnet : same Hardware, OpenVZ Kernel on problem Container

```
[root@kloxo-mr network-scripts]# cat ifcfg-venet0
DEVICE=venet0
```

```
BOOTPROTO=static
ONBOOT=yes
IPADDR=127.0.0.1
NETMASK=255.255.255.255
BROADCAST=0.0.0.0
IPV6INIT="yes"
```

```
[root@kloxo-mr network-scripts]# cat ifcfg-venet0:0
DEVICE=venet0:0
ONBOOT=yes
IPADDR=203.151.45.x0
NETMASK=255.255.255.255
[root@kloxo-mr network-scripts]#
```

```
[root@kloxo-mr /]# telnet 127.0.0.1 80
Trying 127.0.0.1...
Connected to 127.0.0.1.
Escape character is '^]'.
Connection closed by foreign host.
[root@kloxo-mr /]#
```

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on Container : Debian 6.0 64Bit run with WebSocket (no control panel, no apache)  
I try this working telnet

```
root@server1:~# telnet 127.0.0.1 8443
Trying 127.0.0.1...
Connected to 127.0.0.1.
Escape character is '^]'.
Connection closed by foreign host.
root@server1:~#
```

Thanks you for all comment and help  
Ronachut

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