Subject: loopback problem on some container
Posted by chut on Fri, 19 Apr 2013 12:49:08 GMT
View Forum Message <> Reply to Message

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.dlthhost.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
Failed to find device venet0 which was referenced in /proc/net/route
Failed to find device venet0 which was referenced in /proc/net/route
Failed to find device venet0 which was referenced in /proc/net/route
Failed to find device venet0 which was referenced in /proc/net/route
Failed to find device venet0 which was referenced in /proc/net/route
```

Failed to find device venet0 which was referenced in /proc/net/route
Failed to find device venet0 which was referenced in /proc/net/route
Failed to find device venet0 which was referenced in /proc/net/route
Failed to find device venet0 which was referenced in /proc/net/route
Failed to find device venet0 which was referenced in /proc/net/route
Failed to find device venet0 which was referenced in /proc/net/route
Failed to find device venet0 which was referenced in /proc/net/route
Failed to find device venet0 which was referenced in /proc/net/route
Failed to find device venet0 which was referenced in /proc/net/route
Failed to find device venet0 which was referenced in /proc/net/route
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 /]#

---

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