Subject: *ISSUE* VE route problem
Posted by stonenzj on Fri, 08 Jun 2007 11:35:46 GMT
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Hi, i reinstall the root server at yesterday. openvz working fine before reinstall.
Now,the VZ110 can't connect to outside , only connent to HN .

// Base Kernel
image = /boot/vmlinuz-2.6.9-55.ELsmp
label = 2.6.9-55.ELsmp
initrd = /boot/initrd-2.6.9-55.ELsmp.img

// VZ Kernel

Linux 84-16-233-207 2.6.9-023stab044.4-smp #1 SMP Mon May 28 23:18:17 MSD 2007 i686 i686 i386 GNU/Linux

// ip r l at HN

84.16.251.121 dev venet0 scope link
89.149.221.89 dev venet0 scope link
84.16.233.0/24 dev eth0 proto kernel scope link src 84.16.233.207
169.254.0.0/16 dev eth0 scope link
default via 84.16.233.1 dev eth0

// ip r l at VE110

192.0.2.0/24 dev venet0 scope host
169.254.0.0/16 dev venet0 scope link
default via 192.0.2.1 dev venet0

//ip a l at HN

2: lo: <LOOPBACK,UP> mtu 16436 qdisc noqueue
link/loopback 00:00:00:00:00:00 brd 00:00:00:00:00:00
inet 127.0.0.1/8 brd 127.255.255.255 scope host lo
4: eth0: <BROADCAST,MULTICAST,UP> mtu 1500 qdisc pfifo_fast qlen 1000
link/ether 00:02:a5:0a:e5:30 brd ff:ff:ff:ff:ff:ff
inet 84.16.233.207/24 brd 84.16.233.255 scope global eth0
11: venet0: <BROADCAST,POINTOPOINT,NOARP,UP> mtu 1500 qdisc noqueue
link/void

//ip a l at VE110

```
1: lo: <LOOPBACK,UP> mtu 16436 qdisc noqueue
    link/loopback 00:00:00:00:00:00 brd 00:00:00:00:00:00
    inet 127.0.0.1/8 brd 127.255.255.255 scope host lo
3: venet0: <BROADCAST,POINTOPOINT,NOARP,UP> mtu 1500 qdisc noqueue
    link/void
    inet 127.0.0.1/32 scope host venet0
    inet 89.149.221.89/32 brd 89.149.221.89 scope global venet0:0
    inet 84.16.251.121/32 brd 84.16.251.121 scope global venet0:1
```

//route at HN

```
Kernel IP routing table
Destination     Gateway         Genmask         Flags Metric Ref    Use Iface
84.16.251.121   0.0.0.0         255.255.255.255 UH    0      0        0 venet0
89.149.221.89   0.0.0.0         255.255.255.255 UH    0      0        0 venet0
84.16.233.0     0.0.0.0         255.255.255.0   U     0      0        0 eth0
169.254.0.0     0.0.0.0         255.255.0.0     U     0      0        0 eth0
0.0.0.0         84.16.233.1     0.0.0.0         UG    0      0        0 eth0
```

//route at ve110

```
Kernel IP routing table
Destination     Gateway         Genmask         Flags Metric Ref    Use Iface
192.0.2.0       0.0.0.0         255.255.255.0   U     0      0        0 venet0
169.254.0.0     0.0.0.0         255.255.0.0     U     0      0        0 venet0
0.0.0.0         192.0.2.1       0.0.0.0         UG    0      0        0 venet0
```

//ifconfig at Ve110

```
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:1230259009 errors:0 dropped:0 overruns:0 frame:0
          TX packets:1631407695 errors:0 dropped:0 overruns:0 carrier:0
          collisions:0 txqueuelen:0
          RX bytes:1140876388 (1.0 GiB)  TX bytes:1095784005 (1.0 GiB)

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:8 errors:0 dropped:0 overruns:0 frame:0
TX packets:44 errors:0 dropped:0 overruns:0 carrier:0
collisions:0 txqueuelen:0
RX bytes:672 (672.0 b)  TX bytes:3596 (3.5 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:89.149.221.89  P-t-P:89.149.221.89  Bcast:89.149.221.89  Mask:255.255.255.255
UP BROADCAST POINTOPOINT RUNNING NOARP  MTU:1500  Metric:1

venet0:1  Link encap:UNSPEC  HWaddr 00-00-00-00-00-00-00-00-00-00-00-00-00-00-00-00
inet addr:84.16.251.121  P-t-P:84.16.251.121  Bcast:84.16.251.121  Mask:255.255.255.255
UP BROADCAST POINTOPOINT RUNNING NOARP  MTU:1500  Metric:1

//ifconfig at HN

eth0  Link encap:Ethernet  HWaddr 00:02:A5:0A:E5:30
inet addr:84.16.233.207  Bcast:84.16.233.255  Mask:255.255.255.0
UP BROADCAST RUNNING MULTICAST  MTU:1500  Metric:1
RX packets:268804 errors:0 dropped:0 overruns:0 frame:0
TX packets:134942 errors:0 dropped:0 overruns:0 carrier:0
collisions:0 txqueuelen:1000
RX bytes:150618261 (143.6 MiB)  TX bytes:13052749 (12.4 MiB)

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:34 errors:0 dropped:0 overruns:0 frame:0
TX packets:34 errors:0 dropped:0 overruns:0 carrier:0
collisions:0 txqueuelen:0
RX bytes:4353 (4.2 KiB)  TX bytes:4353 (4.2 KiB)

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:44 errors:0 dropped:0 overruns:0 frame:0
TX packets:8 errors:0 dropped:0 overruns:0 carrier:0
collisions:0 txqueuelen:0
RX bytes:3596 (3.5 KiB)  TX bytes:672 (672.0 b)

//iptables all stop
//sysctl -w net.ipv4.ip_forward="1"
//Ping test

HN to ve110

PING 89.149.221.89 (89.149.221.89) 56(84) bytes of data.
64 bytes from 89.149.221.89: icmp_seq=0 ttl=64 time=0.197 ms
64 bytes from 89.149.221.89: icmp_seq=1 ttl=64 time=0.106 ms

64 bytes from 89.149.221.89: icmp_seq=2 ttl=64 time=0.129 ms
64 bytes from 89.149.221.89: icmp_seq=3 ttl=64 time=0.092 ms
64 bytes from 89.149.221.89: icmp_seq=4 ttl=64 time=0.124 ms

HN to DNS

PING 217.20.116.1 (217.20.116.1) 56(84) bytes of data.
64 bytes from 217.20.116.1: icmp_seq=0 ttl=61 time=0.332 ms
64 bytes from 217.20.116.1: icmp_seq=1 ttl=61 time=0.296 ms
64 bytes from 217.20.116.1: icmp_seq=2 ttl=61 time=0.283 ms
64 bytes from 217.20.116.1: icmp_seq=3 ttl=61 time=0.265 ms

VE110 TO HN

PING 84.16.233.207 (84.16.233.207) 56(84) bytes of data.
64 bytes from 84.16.233.207: icmp_seq=0 ttl=64 time=0.222 ms
64 bytes from 84.16.233.207: icmp_seq=1 ttl=64 time=0.110 ms
64 bytes from 84.16.233.207: icmp_seq=2 ttl=64 time=0.098 ms

VE110 to DNS

PING 217.20.116.1 (217.20.116.1) 56(84) bytes of data.

--- 217.20.116.1 ping statistics ---
32 packets transmitted, 0 received, 100% packet loss, time 31000ms

//traceroute test

HN TO DNS
traceroute to 217.20.116.1 (217.20.116.1), 30 hops max, 38 byte packets
 1  84.16.224.1  0.531 ms  0.469 ms  0.451 ms
 2  89.149.218.33  0.247 ms  0.232 ms  0.760 ms
 3  89.149.218.14  0.492 ms  0.460 ms  0.506 ms
 4  217.20.116.1  0.243 ms  0.252 ms  0.236 ms

VE TO DNS

traceroute to 217.20.116.1 (217.20.116.1), 30 hops max, 38 byte packets
 1  84.16.233.207 (84.16.233.207)  0.285 ms  0.253 ms  0.084 ms
 2  * * *
 3  * * *

noting