Subject: Access Internet from private IP CT
Posted by Mistery on Mon, 26 Apr 2010 16:29:43 GMT
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Hi,
I'm trying to make a private IP CT access the Internet with no success.
My CT has been assigned two private IP addresses, the first one 10.0.0.X needed to access other CTs on the same HN in the same IP network class and another IP 172.31.1.x to access a private LAN connected to eth1 on the HN
The container access to both networks quite well, however now I need to make it access Internet withouth assigning a public IP (I don't need accessing the container from the Internet).
Can anyone explain how to configure the networking in the CT and/or HN ? I tried the solution posted in howto (SNAT) but it's not working in my case.
Current CT networking setup is the following:

```
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:29486 errors:0 dropped:0 overruns:0 frame:0
          TX packets:29486 errors:0 dropped:0 overruns:0 carrier:0
          collisions:0 txqueuelen:0
          RX bytes:10798708 (10.2 MiB)  TX bytes:10798708 (10.2 MiB)

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:642939 errors:0 dropped:0 overruns:0 frame:0
          TX packets:482619 errors:0 dropped:0 overruns:0 carrier:0
          collisions:0 txqueuelen:0
          RX bytes:658209445 (627.7 MiB)  TX bytes:124846431 (119.0 MiB)

venet0:0  Link encap:UNSPEC  HWaddr 00-00-00-00-00-00-00-00-00-00-00-00-00-00-00-00
          inet addr:10.0.0.3  P-t-P:10.0.0.3  Bcast:10.0.0.3  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:172.31.1.244  P-t-P:172.31.1.244  Bcast:172.31.1.244  Mask:255.255.255.255
          UP BROADCAST POINTOPOINT RUNNING NOARP  MTU:1500  Metric:1


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
```

Host network config:

```
eth0      Link encap:Ethernet  HWaddr 00:1B:78:A3:2F:B2
          inet addr:151.1.157.21  Bcast:151.1.159.255  Mask:255.255.252.0
          inet6 addr: fe80::21b:78ff:fea3:2fb2/64 Scope:Link
          UP BROADCAST RUNNING MULTICAST  MTU:1500  Metric:1
          RX packets:896096553 errors:0 dropped:0 overruns:0 frame:0
          TX packets:36098719 errors:0 dropped:0 overruns:0 carrier:0
          collisions:0 txqueuelen:1000
          RX bytes:2378689000 (2.2 GiB)  TX bytes:2811631736 (2.6 GiB)
          Interrupt:169 Memory:dc300000-dc310000

eth1      Link encap:Ethernet  HWaddr 00:1B:78:A3:2F:B3
          inet addr:172.31.1.21  Bcast:172.31.1.127  Mask:255.255.255.128
          inet6 addr: fe80::21b:78ff:fea3:2fb3/64 Scope:Link
          UP BROADCAST RUNNING MULTICAST  MTU:1500  Metric:1
          RX packets:353568 errors:0 dropped:0 overruns:0 frame:0
          TX packets:419356856 errors:0 dropped:0 overruns:0 carrier:0
          collisions:0 txqueuelen:1000
          RX bytes:316875901 (302.1 MiB)  TX bytes:1646371052 (1.5 GiB)
          Interrupt:82 Memory:dc400000-dc410000

eth1:0    Link encap:Ethernet  HWaddr 00:1B:78:A3:2F:B3
          inet addr:172.31.1.245  Bcast:172.31.1.255  Mask:255.255.255.240
          UP BROADCAST RUNNING MULTICAST  MTU:1500  Metric:1
          Interrupt:82 Memory:dc400000-dc410000

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:91 errors:0 dropped:0 overruns:0 frame:0
          TX packets:91 errors:0 dropped:0 overruns:0 carrier:0
          collisions:0 txqueuelen:0
          RX bytes:10618 (10.3 KiB)  TX bytes:10618 (10.3 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:458094351 errors:0 dropped:0 overruns:0 frame:0
          TX packets:896521503 errors:0 dropped:0 overruns:0 carrier:0
          collisions:0 txqueuelen:0
          RX bytes:3194451783 (2.9 GiB)  TX bytes:80530959 (76.8 MiB)

Host routing table:

172.31.1.244 dev venet0  scope link
10.0.0.1 dev venet0  scope link
10.0.0.3 dev venet0  scope link
10.0.0.2 dev venet0  scope link
```

172.31.1.243 dev venet0 scope link
172.31.1.240/28 dev eth1 proto kernel scope link src 172.31.1.245
172.31.1.0/25 dev eth1 proto kernel scope link src 172.31.1.21
151.1.156.0/22 dev eth0 proto kernel scope link src 151.1.157.21
169.254.0.0/16 dev eth1 scope link
default via 151.1.159.254 dev eth0

Thanks in advance
