Subject: *SOLVED* HN connected to PRIVATE and PUBLIC networks at once
Posted by slavco on Mon, 02 Apr 2007 10:06:35 GMT
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Hi all,

I have the folowing situation (see attached picture):
HN has two NICs and is connected to public internet and also to private networks (with private ip addresses). I have some VEs that needs to have 2 IPs; one private ip address and one public ip address.

Example: VE acting as DHCP server for both clients on private networks and on public network - at the same time.

My HN /etc/network/interfaces look like this:

```
auto lo
iface lo inet loopback

auto eth0
iface eth0 inet static
   address 10.1.1.100
   netmask 255.255.255.0
   up route add -net 10.0.0.0 netmask 255.0.0.0 gateway 10.1.1.2
   up route add -net 172.16.0.0 netmask 255.240.0.0 gateway 10.1.1.2
   up route add -net 192.168.0.0 netmask 255.255.0.0 gateway 10.1.1.2

auto eth1
#iface eth1 inet dhcp
iface eth1 inet static
   address 85.248.15.34
   netmask 255.255.255.240
   gateway 85.248.15.33
```

When I set eg. in VE101 conf. IP_ADDRESS="85.248.15.35 10.1.1.101", packets eggressing the VE101 has all the SRCIP 85.248.15.35. So, on public network is everything ok, but not functional on private network (when the remote machine on private network relpies the packet, it is routed back through my NAT box which drops the packets).

When I set IP_ADDRESS="10.1.1.101 85.248.15.35" the SRCIP of all eggressing packets will be 10.1.1.101, so private segment can communicate ok, but this ip is unroutable on the public network segment.

Is there any solution to this?
Thanks for help.

Slavco

File Attachments
1) 30.3.2007 10-46-52_0004.jpg, downloaded 764 times

Subject: Re: HN connected to PRIVATE and PUBLIC networks at once
Posted by Vasily Tarasov on Mon, 02 Apr 2007 14:37:30 GMT
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In order to use VE as dhcp you should use veth interface, but not venet!

HTH,
Vasily.