Subject: Network Routing Question
Posted by mperkel on Tue, 06 Mar 2007 08:39:55 GMT
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I have two sets of IP addresses on one network card and running FC6.

69.50.231.0/28
69.50.231.128/26

The problem is that IPs on different sets don't talk to each other. I want the host to be able to support VEs with IPs from both sets. I think I need some kind of static route. How dod I do that? Thanks in advance.

DEVICE=eth0
BOOTPROTO=none
HWADDR=00:18:F3:B3:CC:50
ONBOOT=yes
IPADDR="69.50.231.13"
NETMASK="255.255.255.240"
GATEWAY="69.50.231.1"

DEVICE=eth0:1
BOOTPROTO=none
HWADDR=00:18:F3:B3:CC:50
ONBOOT=yes
IPADDR="69.50.231.131"
NETMASK="255.255.255.192"
GATEWAY="69.50.231.129"

Subject: Re: Network Routing Question
Posted by Andrey Mirkin on Tue, 06 Mar 2007 09:05:49 GMT
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Please, post here output of "ip ro ls", "ip a ls" in VE0.

How did you determined that "IPs on different sets don't talk to each other"? Can you, please, post here output of "tcpdump -i venet0" from VE0 when you are trying to ping in VE IP from another IP set.

Subject: Re: Network Routing Question
Posted by mperkel on Tue, 06 Mar 2007 09:10:33 GMT
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Thanks for the quick response. I figured I'd gave to create a route-eth0 file or something.

ip ro ls

```
69.50.231.4 dev venet0  scope link
69.50.231.240 dev venet0  scope link
69.50.231.7 dev venet0  scope link
69.50.231.3 dev venet0  scope link
69.50.231.8 dev venet0  scope link
69.50.231.0/28 dev eth0  proto kernel  scope link  src 69.50.231.13
69.50.231.128/26 dev eth0  proto kernel  scope link  src 69.50.231.131
169.254.0.0/16 dev eth0  scope link
default via 69.50.231.129 dev eth0  src 69.50.231.131
default via 69.50.231.1 dev eth0
```

ip a ls

```
2: lo: <LOOPBACK,UP,LOWER_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 scope host lo
    inet6 ::1/128 scope host
       valid_lft forever preferred_lft forever
4: sit0: <NOARP> mtu 1480 qdisc noop
    link/sit 0.0.0.0 brd 0.0.0.0
6: eth0: <BROADCAST,MULTICAST,UP,LOWER_UP> mtu 1500 qdisc pfifo_fast qlen 1000
    link/ether 00:18:f3:b3:cc:50 brd ff:ff:ff:ff:ff:ff
    inet 69.50.231.13/28 brd 69.50.231.15 scope global eth0
    inet 69.50.231.131/26 brd 69.50.231.191 scope global eth0:1
    inet6 fe80::218:f3ff:feb3:cc50/64 scope link
       valid_lft forever preferred_lft forever
3: venet0: <BROADCAST,POINTOPOINT,NOARP,UP,LOWER_UP> mtu 1500 qdisc noqueue
    link/void
```

Subject: Re: Network Routing Question
Posted by Andrey Mirkin on Tue, 06 Mar 2007 09:15:15 GMT
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Can you, please, try the following.

In VE with IP 69.50.231.7 run:
ping 69.50.231.240

In VE0 run:
tcpdump -i venet0 host 69.50.231.240

In VE with IP 69.50.231.240 run:
tcpdump -i venet0 host 69.50.231.240