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Subject: Re: One NIC, Multiple Gateways  
Posted by [mangust](#) on Thu, 24 Apr 2008 13:29:22 GMT  
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i have problem going the way in Wiki.

I don't want to assign any IP address on external interface. I want to use all public addresses for VEs. And manage HN from private. I have:

```
[root@trinity ~]# ifconfig -a
```

```
eth0  Link encap:Ethernet HWaddr 00:1E:4F:2D:F1:63
      inet addr:192.168.1.52 Bcast:192.168.1.255 Mask:255.255.255.0
      inet6 addr: fe80::21e:4fff:fe2d:f163/64 Scope:Link
      UP BROADCAST RUNNING MULTICAST MTU:1500 Metric:1
      RX packets:289 errors:0 dropped:0 overruns:0 frame:0
      TX packets:178 errors:0 dropped:0 overruns:0 carrier:0
      collisions:0 txqueuelen:1000
      RX bytes:254155 (248.1 KiB) TX bytes:33567 (32.7 KiB)
      Interrupt:169 Memory:f8000000-f8012100
```

```
eth1  Link encap:Ethernet HWaddr 00:1E:4F:2D:F1:65
      BROADCAST MULTICAST MTU:1500 Metric:1
      RX packets:0 errors:0 dropped:0 overruns:0 frame:0
      TX packets:0 errors:0 dropped:0 overruns:0 carrier:0
      collisions:0 txqueuelen:1000
      RX bytes:0 (0.0 b) TX bytes:0 (0.0 b)
      Interrupt:169 Memory:f4000000-f4012100
```

```
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:3 errors:0 dropped:0 overruns:0 frame:0
      TX packets:3 errors:0 dropped:0 overruns:0 carrier:0
      collisions:0 txqueuelen:0
      RX bytes:299 (299.0 b) TX bytes:299 (299.0 b)
```

```
sit0  Link encap:IPv6-in-IPv4
      NOARP MTU:1480 Metric:1
      RX packets:0 errors:0 dropped:0 overruns:0 frame:0
      TX packets:0 errors:0 dropped:0 overruns:0 carrier:0
      collisions:0 txqueuelen:0
      RX bytes:0 (0.0 b) TX bytes:0 (0.0 b)
```

```
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:347 errors:0 dropped:0 overruns:0 frame:0
      TX packets:202 errors:0 dropped:0 overruns:0 carrier:0
      collisions:0 txqueuelen:0
```

```
RX bytes:46953 (45.8 KiB) TX bytes:44352 (43.3 KiB)
[root@trinity ~]# /sbin/ip rule add from 62.15.232.176/29 table 115
[root@trinity ~]# /sbin/ip route add default dev eth1 via 62.15.232.182 table 115
RTNETLINK answers: Network is unreachable
[root@trinity ~]# /sbin/ip route add 62.15.232.176/29 dev eth1
RTNETLINK answers: No such device
[root@trinity ~]# ifconfig eth1
eth1    Link encap:Ethernet HWaddr 00:1E:4F:2D:F1:65
        BROADCAST MULTICAST MTU:1500 Metric:1
        RX packets:0 errors:0 dropped:0 overruns:0 frame:0
        TX packets:0 errors:0 dropped:0 overruns:0 carrier:0
        collisions:0 txqueuelen:1000
        RX bytes:0 (0.0 b) TX bytes:0 (0.0 b)
        Interrupt:169 Memory:f4000000-f4012100

[root@trinity ~]# ifconfig eth1 up
[root@trinity ~]# /sbin/ip route add 62.15.232.176/29 dev eth1
RTNETLINK answers: No such device
[root@trinity ~]# ifconfig eth1 inet 1.2.3.4
[root@trinity ~]# /sbin/ip route add 62.15.232.176/29 dev eth1
[root@trinity ~]# /sbin/ip route add default dev eth1 via 62.15.232.182 table 115
[root@trinity ~]# vzlist -a
  CTID   NPROC STATUS  IP_ADDR      HOSTNAME
    1     86 running 192.168.193.12 ServiceCT
   115     5 running 62.15.232.178 178.232.15.62.static.jazztel.es
[root@trinity ~]# ping 62.15.232.178
PING 62.15.232.178 (62.15.232.178) 56(84) bytes of data.
64 bytes from 62.15.232.178: icmp_seq=1 ttl=64 time=0.041 ms
```

but still can't ping from outside

i did something wrong? and why ip tell me story about "No such device"? i don't want to assign any address.

thanks

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