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Subject: Re: can only ping locally - not network  
Posted by [john32](#) on Tue, 01 Jul 2008 16:42:43 GMT  
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I'm not surprised the kernel version is outdated - I will look into upgrading it once I figure out what the problem is with this.

in these examples XXX.XXX.XXX.130 is the VE  
XXX.XXX.XXX.94 is the HN

From HN:

ip a l

```
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 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: eth3: <BROADCAST,MULTICAST,UP> mtu 1500 qdisc pfifo_fast qlen 1000
    link/ether 00:18:f3:b6:35:09 brd ff:ff:ff:ff:ff:ff
    inet XXX.XXX.XXX.94/26 brd XXX.XXX.XXX.255 scope global eth3
    inet XXX.XXX.XXX.131/26 brd XXX.XXX.XXX.255 scope global eth3:0
    inet6 fe80::218:f3ff:feb6:3509/64 scope link
        valid_lft forever preferred_lft forever
8: eth1: <NO-CARRIER,BROADCAST,MULTICAST,UP> mtu 1500 qdisc pfifo_fast qlen 1000
    link/ether 00:18:f3:b6:25:05 brd ff:ff:ff:ff:ff:ff
1: venet0: <BROADCAST,POINTOPOINT,NOARP,UP> mtu 1500 qdisc noqueue
    link/void
```

```
XXX.XXX.XXX.130 dev venet0 scope link
XXX.XXX.XXX.64/26 dev eth3 proto kernel scope link src XXX.XXX.XXX.94
XXX.XXX.XXX.128/26 dev eth3 proto kernel scope link src XXX.XXX.XXX.131
default via XXX.XXX.XXX.65 dev eth3 src XXX.XXX.XXX.131
default via XXX.XXX.XXX.65 dev eth3
```

arp -n

Address	HWtype	HWaddress	Flags	Mask	Iface
XXX.XXX.XXX.65	ether	00:04:23:AA:FF:DB	C		eth3

iptables -L

Chain INPUT (policy ACCEPT)

```
target  prot opt source          destination
```

```
Chain FORWARD (policy ACCEPT)
```

```
target  prot opt source          destination
```

```
Chain OUTPUT (policy ACCEPT)
```

```
target  prot opt source          destination
```

```
From VE:
```

```
ip a l
```

```
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 scope host lo  
   inet6 ::1/128 scope host  
       valid_lft forever preferred_lft forever
```

```
3: venet0: <BROADCAST,POINTOPOINT,NOARP,UP> mtu 1500 qdisc noqueue  
   link/void  
   inet 127.0.0.1/32 scope host venet0  
   inet XXX.XXX.XXX.130/32 scope global venet0:0
```

```
ip r l
```

```
192.0.2.1 dev venet0 scope link  
default via 192.0.2.1 dev venet0
```

```
iptables -L
```

```
Chain INPUT (policy ACCEPT)
```

```
target  prot opt source          destination
```

```
Chain FORWARD (policy ACCEPT)
```

```
target  prot opt source          destination
```

```
Chain OUTPUT (policy ACCEPT)
```

```
target  prot opt source          destination
```

I may be able to check the tcpdump results a little bit later, but in the meantime maybe someone can spot a problem with some of those results. Thanks!

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