
Subject: Re: can only ping locally - not network
Posted by [john32](#) on Fri, 18 Jul 2008 18:09:39 GMT
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ip rule list

0: from all lookup local

32766: from all lookup main

32767: from all lookup default

ip route list table all

XXX.XXX.XXX.132 dev venet0 scope link

XXX.XXX.XXX.131 dev venet0 scope link

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.130

default via XXX.XXX.XXX.65 dev eth3 src XXX.XXX.XXX.131

default via XXX.XXX.XXX.65 dev eth3

broadcast 127.255.255.255 dev lo table local proto kernel scope link src 127.0.0.1

broadcast XXX.XXX.XXX.64 dev eth3 table local proto kernel scope link src XXX.XXX.XXX.94

local XXX.XXX.XXX.131 dev eth3 table local proto kernel scope host src XXX.XXX.XXX.131

local XXX.XXX.XXX.130 dev eth3 table local proto kernel scope host src XXX.XXX.XXX.131

broadcast XXX.XXX.XXX.255 dev eth3 table local proto kernel scope link src XXX.XXX.XXX.94

broadcast XXX.XXX.XXX.255 dev eth3 table local proto kernel scope link src
XXX.XXX.XXX.131

broadcast XXX.XXX.XXX.127 dev eth3 table local proto kernel scope link src XXX.XXX.XXX.94

local XXX.XXX.XXX.94 dev eth3 table local proto kernel scope host src XXX.XXX.XXX.94

broadcast 127.0.0.0 dev lo table local proto kernel scope link src 127.0.0.1

local 127.0.0.1 dev lo table local proto kernel scope host src 127.0.0.1

local 127.0.0.0/8 dev lo table local proto kernel scope host src 127.0.0.1

local ::1 via :: dev lo proto none metric 0 mtu 16436 rtt 9ms rttvar 15ms cwnd 99 advmss 16376
hoplimit 4294967295

local fe80::218:f3ff:feb6:3509 via :: dev lo proto none metric 0 mtu 16436 advmss 16376
hoplimit 4294967295

fe80::/64 dev eth3 metric 256 expires 2017154sec mtu 1500 advmss 1440 hoplimit 4294967295

ff00::/8 dev eth3 metric 256 expires 2017154sec mtu 1500 advmss 1440 hoplimit 4294967295

unreachable default dev lo proto none metric -1 error -101 hoplimit 255

132 is the only real VE on that list currently - 130 and 131 are added in the interfaces file on the
HN as secondary IPs for eth3.

Also I got a warning (which I've never seen before) when I restarted 132 that proxy_arp was set to
0, so I set all instances of proxy_arp to 1 but that had no effect.

EDIT: somehow since posting on here the ip_forward got turned off (maybe the kernel upgrade
you suggested changed my sysctl.conf?)

anyway, after adding these lines to sysctl.conf and rebooting, the VEs work again. Thanks for your help.

```
net.ipv4.ip_forward=1
```

```
net.ipv4.conf.default.proxy_arp=1
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```
net.ipv4.conf.all.proxy_arp=1
```
