
Subject: Re: VE with veth, using MAC address it shouldn't be aware of
Posted by [samlt](#) on Mon, 05 Feb 2007 17:43:41 GMT

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```
sure
in the VE
ping 10.3.0.13
PING 10.3.0.13 (10.3.0.13) 56(84) bytes of data.
64 bytes from 10.3.0.13: icmp_seq=1 ttl=63 time=1.43 ms
```

```
--- 10.3.0.13 ping statistics ---
1 packets transmitted, 1 received, 0% packet loss, time 0ms
rtt min/avg/max/mdev = 1.430/1.430/1.430/0.000 ms
```

```
then ip neigh ls10.4.0.50 dev eth0 lladdr 00:18:51:b4:a6:85 nud reachable
```

in the VEO

```
on eth0tcpdump -i 1 src net 10 and dst net 10 -e
tcpdump: verbose output suppressed, use -v or -vv for full protocol decode
listening on eth0, link-type EN10MB (Ethernet), capture size 68 bytes
18:30:12.066702 00:30:1b:b6:f2:1c (oui Unknown) > 00:0f:66:83:45:8e (oui Unknown), ethertype
IPv4 (0x0800), length 98: debnated > linksys: ICMP echo request, id 26134, seq 1, length 64
18:30:12.067175 00:0f:66:83:45:8e (oui Unknown) > 00:30:1b:b6:f2:1c (oui Unknown), ethertype
IPv4 (0x0800), length 98: linksys > debnated: ICMP echo reply, id 26134, seq 1, length 64
18:30:17.065558 00:30:1b:b6:f2:1c (oui Unknown) > 00:0f:66:83:45:8e (oui Unknown), ethertype
ARP (0x0806), length 42: arp who-has linksys tell 10.3.0.50
18:30:17.065866 00:0f:66:83:45:8e (oui Unknown) > 00:30:1b:b6:f2:1c (oui Unknown), ethertype
ARP (0x0806), length 60: arp reply linksys is-at 00:0f:66:83:45:8e (oui Unknown)
on veth103.0tcpdump -i 3 src net 10 and dst net 10 -e
tcpdump: verbose output suppressed, use -v or -vv for full protocol decode
listening on veth103.0, link-type EN10MB (Ethernet), capture size 68 bytes
18:30:12.066645 00:18:51:ce:18:98 (oui Unknown) > Broadcast, ethertype ARP (0x0806), length
42: arp who-has 10.4.0.50 tell debnated
18:30:12.066671 00:18:51:b4:a6:85 (oui Unknown) > 00:18:51:ce:18:98 (oui Unknown), ethertype
ARP (0x0806), length 42: arp reply 10.4.0.50 is-at 00:18:51:b4:a6:85 (oui Unknown)
18:30:12.066677 00:30:1b:b6:f2:1c (oui Unknown) > 00:0f:66:83:45:8e (oui Unknown), ethertype
IPv4 (0x0800), length 98: debnated > linksys: ICMP echo request, id 26134, seq 1, length 64
18:30:12.067191 00:18:51:b4:a6:85 (oui Unknown) > 00:18:51:ce:18:98 (oui Unknown), ethertype
IPv4 (0x0800), length 98: linksys > debnated: ICMP echo reply, id 26134, seq 1, length 64
18:30:17.065571 00:18:51:b4:a6:85 (oui Unknown) > 00:18:51:ce:18:98 (oui Unknown), ethertype
ARP (0x0806), length 42: arp who-has debnated tell 10.4.0.50
18:30:17.065599 00:18:51:ce:18:98 (oui Unknown) > 00:18:51:b4:a6:85 (oui Unknown), ethertype
ARP (0x0806), length 42: arp reply debnated is-at 00:18:51:ce:18:98 (oui Unknown)
```

ip neigh ls

10.4.0.52 dev veth103.0 lladdr 00:18:51:ce:18:98 REACHABLE

10.3.0.13 dev eth0 lladdr 00:0f:66:83:45:8e REACHABLE
