
Subject: Re: set alternative router for VE through dhcp
Posted by [eisenhorn](#) on Wed, 18 Mar 2009 10:15:25 GMT
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br0 has eth1 and veth101.0 - it's clear from "brctl show br0" I provided in previous post.

This is what is done when default GW points to 192.168.7.1 (HN, router with ISP1 on eth0):

```
listening on br0, link-type EN10MB (Ethernet), capture size 96 bytes
12:07:24.991494 IP 192.168.7.6 > ya.ru: ICMP echo request, id 9848, seq 259, length 64
12:07:25.026797 IP ya.ru > 192.168.7.6: ICMP echo reply, id 9848, seq 259, length 64
12:07:25.027327 IP 192.168.7.6.54562 > 192.168.7.1.domain: 27719+ PTR?
8.204.180.213.in-addr.arpa. (44)
12:07:25.027735 IP 192.168.7.1.domain > 192.168.7.6.54562: 27719 1/0/0 (63)
12:07:25.991493 IP 192.168.7.6 > ya.ru: ICMP echo request, id 9848, seq 260, length 64
12:07:26.029356 IP ya.ru > 192.168.7.6: ICMP echo reply, id 9848, seq 260, length 64
12:07:26.029879 IP 192.168.7.6.40815 > 192.168.7.1.domain: 42993+ PTR?
8.204.180.213.in-addr.arpa. (44)
12:07:26.030277 IP 192.168.7.1.domain > 192.168.7.6.40815: 42993 1/0/0 (63)
12:07:26.990485 IP 192.168.7.6 > ya.ru: ICMP echo request, id 9848, seq 261, length 64
12:07:27.026324 IP ya.ru > 192.168.7.6: ICMP echo reply, id 9848, seq 261, length 64
```

Doing "route add default gw 192.168.7.3" inside VE to bind it on ISP2 gives next results:

```
12:08:08.895129 IP 192.168.7.6.47667 > 192.168.7.1.domain: 38422+ A? ya.ru. (23)
12:08:08.899668 IP 192.168.7.1.domain > 192.168.7.6.47667: 38422 1/0/0 A ya.ru (39)
12:08:08.901466 arp who-has 192.168.7.3 tell 192.168.7.6
12:08:08.902118 arp reply 192.168.7.3 is-at 00:1c:f0:28:7b:3c (oui Unknown)
12:08:08.902194 IP 192.168.7.6 > ya.ru: ICMP echo request, id 13688, seq 1, length 64
12:08:09.901461 IP 192.168.7.6 > ya.ru: ICMP echo request, id 13688, seq 2, length 64
12:08:10.901514 IP 192.168.7.6 > ya.ru: ICMP echo request, id 13688, seq 3, length 64
12:08:11.901496 IP 192.168.7.6 > ya.ru: ICMP echo request, id 13688, seq 4, length 64
12:08:12.901496 IP 192.168.7.6 > ya.ru: ICMP echo request, id 13688, seq 5, length 64
12:08:13.901499 IP 192.168.7.6 > ya.ru: ICMP echo request, id 13688, seq 6, length 64
12:08:14.161418 arp who-has 192.168.7.6 tell 192.168.7.1
12:08:14.161465 arp reply 192.168.7.6 is-at 00:18:51:bb:fa:69 (oui Unknown)
12:08:14.901493 IP 192.168.7.6 > ya.ru: ICMP echo request, id 13688, seq 7, length 64
12:08:15.901503 IP 192.168.7.6 > ya.ru: ICMP echo request, id 13688, seq 8, length 64
```