Subject: set alternative router for VE through dhcp
Posted by eisenhorn on Fri, 13 Mar 2009 21:34:10 GMT
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I have ubuntu (8.10 with kernel from 8.04 supporting openv) box (HN) with 2 NIC: eth0 - ISP1, eth1 - LAN (192.168.7.1).
It acts as simple NAT (iptables -A POSTROUTING -s 192.168.7.0/24 -j MASQUERADE), so ip_forward is enabled.
On eth1 I created bridge (br0) to let VE see the network.
Also this box acts as DHCP-server.

On the other hand I have adsl-modem configured as router (192.168.7.3, ISP2). I'm trying to pass all traffic from some machines through ISP2. It is easily done by specifying "option routers 192.168.7.3;" in dhcpd.conf per machine. And it works fine with physical boxes, but not with VE (192.168.7.6).

In VE I'm trying to add default route, but it has no effect - no packets are going through router:

root@gretchin:/# ping ya.ru
PING ya.ru (213.180.204.8) 56(84) bytes of data.

--- ya.ru ping statistics ---
3 packets transmitted, 0 received, 100% packet loss, time 2007ms

root@gretchin:/# traceroute ya.ru
traceroute to ya.ru (213.180.204.8), 30 hops max, 40 byte packets
 1 192.168.7.3 (192.168.7.3) 2.059 ms 2.693 ms 2.997 ms
 2 * * *

I'm sure that it isn't router's issue, cause doing such on HN helps:

ip rule add from 192.168.7.6 table 6
ip route add default dev br0 via 192.168.7.3 table 6

But why it isn't running without adding routing rules on HN?