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Subject: Re: VLAN not working in VE?

Posted by [januszzz](#) on Wed, 15 Oct 2008 13:18:40 GMT

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OK, partly works (first vlan i VE works ok).

Now I'm trying to add second VLAN to veth device and it goes ok, but packets are not going back to VE. Why?

In VE 130 I've got two vlans added:

```
eth0.20  Link encap:Ethernet  HWaddr 00:18:51:DB:4E:F2
          inet addr:126.66.64.158
eth1.980  Link encap:Ethernet  HWaddr 00:18:51:05:AF:37
          inet addr:10.0.0.5  Bcast:10.0.0.255  Mask:255.255.255.0
```

Routes are set OK iv VE:

Kernel IP routing table

Destination	Gateway	Genmask	Flags	Metric	Ref	Use	Iface
10.0.0.0	0.0.0.0	255.255.255.0	U	0	0	0	eth0
126.66.64.0	0.0.0.0	255.255.254.0	U	0	0	0	eth0
127.0.0.0	127.0.0.1	255.0.0.0	UG	0	0	0	lo

And routes in HN aore set OK:

Kernel IP routing table

Destination	Gateway	Genmask	Flags	Metric	Ref	Use	Iface
10.0.0.5	0.0.0.0	255.255.255.255	UH	0	0	0	veth130.0
126.66.64.158	0.0.0.0	255.255.255.255	UH	0	0	0	veth130.0
10.0.0.2	0.0.0.0	255.255.255.255	UH	0	0	0	veth110.0
10.0.1.2	0.0.0.0	255.255.255.255	UH	0	0	0	veth130.0
10.0.0.0	0.0.0.0	255.255.255.0	U	0	0	0	eth0.980
10.0.1.0	0.0.0.0	255.255.255.0	U	0	0	0	eth0.990
126.66.64.0	0.0.0.0	255.255.254.0	U	0	0	0	eth0.20
127.0.0.0	0.0.0.0	255.0.0.0	U	0	0	0	lo
0.0.0.0	126.66.65.249	0.0.0.0	UG	0	0	0	eth0.20

Packets goes fine to HN, but not going back (tcpdump outpup from HN):

15:08:32.501126 IP 126.66.64.158 > 10.0.0.1: ICMP echo request, id 45655, seq 14, length 64

Any ideas how to define source ip on VE?

BTW: I can ping interface in vlan on HN (ping 10.0.0.254 issued in VE is ok, but to 10.0.0.1 - which is gateway - its not working). Ping to 10.0.0.1 from HN - it works.

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