Subject: Multiple VLANS in VE doesn't work? <SOLVED>
Posted by januszzz on Thu, 16 Oct 2008 07:02:31 GMT
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Hi,
I've created single VLANs in VE, the problem is I cannot setup the second.

My config:

HN:
eth0.980  10.0.0.254
eth0.990  10.0.1.254

VE:

eth0.980  10.0.0.2
eth0.990  10.0.1.2*

*when I configure the second vlan on eth1 (the next veth interface) tcpdump output is the same.

The problem: VLAN 980 works perfectly, while 990 - is not. When I switch them, 990 works 100%, 980 not. So it appears that only first vlan works ok.

What works in first vlan: everything, 100% works as expected.
What works in second vlan: I can ping HN vlan devices (so its 10.0.0.254 10.0.1.254), I can ping all hosts in 10.0.0.0/24.

What doesn't work: I cannot ping anything from vlan 990 (so its 10.0.1.0/24) except HN interface 10.0.0.254.

while pinging, tcpdump on HN gives:

09:50:19.105190 IP 10.0.1.2 > 10.0.0.1: ICMP echo request, id 53822, seq 46, length 64

How I resolve that?

And one more question: if I've got two vlans with the same class of addresses I'm not able to setup proper routes on HN (ie. the same ip can exists in 2 different places), am I right?