Subject: venet and veth on the same container (default route conflict)
Posted by davider on Sat, 03 Nov 2012 15:30:57 GMT

Hello,

I'm trying to build a setup where a container has a veth interface (bridged) and a venet interface (on a virtual machine only network).

This is what I want on the container:
eth0 (veth): 192.168.0.2/24, default gateway 192.168.0.1
venet0: 10.0.0.1/24, private only network

I set everything up but I have a problem with the routes. When I start the container they are like this:

```
Kernel IP routing table
Destination     Gateway         Genmask         Flags Metric Ref    Use Iface
192.0.2.1       0.0.0.0         255.255.255.255 UH    0      0        0 venet0
192.168.0.0     0.0.0.0          255.255.255.0  U     0      0        0 eth0
0.0.0.0         192.0.2.1       0.0.0.0          UG    0      0        0 venet0
0.0.0.0         192.168.0.1     0.0.0.0          UG    0      0        0 eth0
```

OpenVZ adds a default route via 192.168.2.1. I don't want it. If I remove the route manually at start everything works fine.

A simple solution could be to launch a script at start to remove the default route, but it doesn't look clean to me. I may be missing something.

Host node:
Debian Squeeze (2.6.32-5-openvz-686 #1 SMP Sun Sep 23 11:40:07 UTC 2012)
vzctl version 3.0.24

Container: debian-6.0-x86
IP_ADDRESS="10.0.0.1"
NETIF=" ifname=eth0,bridge=br0,mac=00:18:51:AA:43:18,host_ifname=vet
h1000.0,host_mac=00:18:51:07:5A:D6 "

Thank you for any help!