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Subject: venet and veth on the same container (default route conflict)

Posted by [davidr](#) on Sat, 03 Nov 2012 15:30:57 GMT

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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=veth1000.0,host\_mac=00:18:51:07:5A:D6 "

Thank you for any help!

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