Hi there,

I have a VE using veth and bridging, which works fine. However, after reboot, the veth interface is down and the old venet interface is there instead. Since I have already done --ipdel, this venet has some internal address, but wins the default route.

I edited /etc/network/interfaces.template as shown below:

auto eth0
iface eth0 inet static
      address 172.16.8.7
      netmask 255.255.255.0
      up route add default gw 172.16.8.1

auto eth3
iface eth3 inet static
      address 172.16.2.1
      netmask 255.255.255.0

However, after reboot the following /etc/network/interfaces is found in the container, which has eth3 but lacks eth0.

This configuration file is auto-generated.
WARNING: Do not edit this file, otherwise your changes will be lost.
Please edit template /etc/network/interfaces.template instead.
auto eth3
iface eth3 inet static
      address 172.16.2.1
      netmask 255.255.255.0
Auto generated interfaces
auto lo
iface lo inet loopback
auto venet0
iface venet0 inet static
      address 127.0.0.1
      netmask 255.255.255.255
      broadcast 0.0.0.0
      up route add -net 192.0.2.1 netmask 255.255.255.255 dev venet0
      up route add default gw 192.0.2.1

How do I get rid of venet0 and have eth0 instead?

Regards,
 - lars.

Subject: Re: Network Interfaces Configuration
Posted by ulver on Mon, 12 Jan 2009 16:30:53 GMT
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Hello,

You have maybe a line IP_ADDRESS in your /etc/vz/conf/xxx.conf ?

If you have already done --ipdel with the ip address, it's strange, unless you forgot the --save option when you did it.

(sorry for my bad english).

Subject: Re: Network Interfaces Configuration
Posted by laotse on Mon, 12 Jan 2009 19:13:18 GMT
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You have maybe a line IP_ADDRESS in your /etc/vz/conf/xxx.conf ?
Actually, I had an empty entry in the file after --ipdel and --save. But I commented it manually, which did not change the behaviour.

Subject: Re: Network Interfaces Configuration
Posted by ulver on Mon, 12 Jan 2009 19:37:32 GMT
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Hmmm, it is strange.

When I don't have any IP_ADDRESS in my conf file, i can modify the /etc/network/interfaces in the VPS (debian), and if i reboot, the change is persistent.

But, when you use veth, do you still use the .template file ?
Maybe i'm wrong, but with veth, you have to use /etc/network/interfaces directly (in the vps).

So, delete any mention of IP_ADDRESS in the vps conf (on the HN), and change manually the /etc/network/interfaces in the VPS instead of the .template.

I think it will be good

Subject: Re: Network Interfaces Configuration
Posted by januszzz on Mon, 12 Jan 2009 19:41:02 GMT
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Have you got Gentoo as your VE?

With OpenRC-0.4.1 it defaults to hotplug interfaces and it finds venet0 and assigns ip address from dhcp.

To solve this you need to edit /etc/rc.conf and disable hotplugging the venet0 device:

rc_hotplug="!net.venet0"