Subject: Network Interfaces Configuration
Posted by laotse on Wed, 07 Jan 2009 19:01:11 GMT
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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"
