
Subject: Creating more permanent veth`s

Posted by [Macka Radek](#) on Thu, 21 Jun 2007 09:55:13 GMT

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Hi all,

Did anyone fight the same thing as me?
I am doing some tests before any real consolidation. I need more permanent veth in one VPS machine. I have followed how&to in your wiki http://wiki.openvz.org/Virtual_Ethernet_device but with no sucess. It seems there is problem in script /usr/sbin/vznetaddoute in line
VZHOSTIF=`echo \$NETIF |sed 's/^.*host_ifname=\\(.*)\\.*/\$1/g`
I am not able to resolve what author of the script wants use as VZHOSTIF.

I would like to add that normal configuration one time configguration on VPS is working.

Do someone has working this script on Debian etch, 2.6.18 distrib kernel with openvz patch applied?

Thanks for any help

BR

Radek Macka

Subject: Re: Creating more permanent veth`s

Posted by [Gregor Mosheh](#) on Thu, 21 Jun 2007 13:21:17 GMT

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Macka Radek wrote:

> I have followed how&to in your wiki
> http://wiki.openvz.org/Virtual_Ethernet_device but with no sucess. It
> seems there is problem in script /usr/sbin/vznetaddoute in line
> VZHOSTIF=`echo \$NETIF |sed 's/^.*host_ifname=\\(.*)\\.*/\$1/g`
> I am not able to resolve what author of the script wants use as
> VZHOSTIF.

Hi, Macka. You're in luck; I wrote that new script, and it works for me. This is under FC6, not Debian, but that shouldn't make a difference.

The vznetaddroute script checks the VE's conf file for the NETIF line, which should be very similar to this except for the MACS:
NETIF=" ifname=eth0,mac=00:18:51:D2:F4:A5,host_ifname=veth12.0,host_mac=00:18:51:1F:70:28 "

The VZHOSTIF is the device name given as host_ifname in that string, see? In this case, veth12.0 Personally, I've found it a very handy practice to always keep the ifname the same as the VEID, e.g. veth1.0 for VE 1, veth72.0 for VE 72, and so on. But that's up to you.

If your VE's conf is missing tyhat NETIF line line, you probably didn't add a veth to it in the first place, so do this:

```
vzctl set $VEID --save --netif_add eth0
```

And then don't forget to add the two new lines to the config, manually:

```
CONFIG_CUSTOMIZED="yes"
```

```
VETH_IP_ADDRESS="12.34.56.78"
```

Let us know if you need more help!

--

Gregor Mosheh / Greg Allensworth

System Administrator, HostGIS cartographic development & hosting services

<http://www.HostGIS.com/>

"Remember that no one cares if you can back up,
only if you can restore." - AMANDA

Subject: RE: Creating more permanent veth`s
Posted by [Macka Radek](#) on Thu, 21 Jun 2007 14:23:21 GMT
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Hi Gregor,

> The vznetaddroute script checks the VE's conf file for the NETIF line,
> which should be very similar to this except for the MACS:

```
>  
NETIF=" ifname=eth0,mac=00:18:51:D2:F4:A5,host_ifname=veth12.0,host_ mac=0  
0:  
> 18:51:1F:70:28"
```

Thanks - it gives me a sense, I did not find NETIF syntax in vzctl man
so it was little bit confusing for me.

> The VZHOSTIF is the device name given as host_ifname in that string,
> see? In this case, veth12.0 Personally, I've found it a very handy
> practice to always keep the ifname the same as the VEID, e.g. veth1.0
> for VE 1, veth72.0 for VE 72, and so on. But that's up to you.

Great, now I am sure what kind of interface it is. After few hours of
testing I am little bit confused resolving between VE0, VHOST, VE, VPS

etc. :-)

Many thanks for making me clear, I think in debian it will be the same...I hope it'll work.

Bye
