
Subject: Problem using veth

Posted by [edillmann](#) on Mon, 09 Jun 2008 14:24:29 GMT

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Hi,

I'm trying to use veth in openvz-2.6.28-53

I did try the following :

```
vzctl set 167 --netif_add eth0 --save
```

```
vzctl start 167 and got :
```

```
Starting VE ...
```

```
VE is mounted
```

```
Setting CPU limit: 100
```

```
Setting CPU units: 1000
```

```
Configure meminfo: 2147483647
```

```
Set hostname: vm167.example.com
```

```
File resolv.conf was modified
```

```
Configure veth devices: veth167.0
```

```
SIOCGIFFLAGS: No such device
```

In CE0 i have an interface which is named veth167.0_ifren
but no veth167.0 interface

In VE167 I have an eth0 which is up and configured

Ping doesn't work

Any clues ?

Thanks

Eric

Subject: Re: Problem using veth

Posted by [maratrus](#) on Mon, 09 Jun 2008 15:26:51 GMT

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Hello,

Quote:

```
openvz-2.6.28-53
```

What do you have in mind?

Could you possibly show "ip a l" and "cat /proc/vz/veth" from HN before you've set "vzctl set 167 --netif_add eth0 --save", then set eth0 inside VE and show "ip a l", "cat /proc/vz/veth" again. And also "vzctl --version" and "uname -a" from HN.

Subject: Re: Problem using veth

Posted by [edillmann](#) on Mon, 09 Jun 2008 15:34:33 GMT

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HN BEFORE :

ip a l

```
1: venet0: <BROADCAST,POINTOPOINT,NOARP,UP,LOWER_UP> mtu 1500 qdisc noqueue
  link/void
2: eth0: <BROADCAST,MULTICAST,UP,LOWER_UP> mtu 1500 qdisc pfifo_fast qlen 1000
  link/ether 00:09:6b:8c:90:7e brd ff:ff:ff:ff:ff:ff
  inet 192.168.3.203/24 brd 192.168.3.255 scope global eth0
4: eth1: <BROADCAST,MULTICAST,UP,LOWER_UP> mtu 9000 qdisc pfifo_fast qlen 1000
  link/ether 00:09:6b:8c:90:7f brd ff:ff:ff:ff:ff:ff
  inet 192.168.254.203/24 brd 192.168.254.255 scope global eth1
6: lo: <LOOPBACK,UP,LOWER_UP> mtu 16436 qdisc noqueue
  link/loopback 00:00:00:00:00:00 brd 00:00:00:00:00:00
  inet 127.0.0.1/8 scope host lo
```

cat /proc/vz/veth

Version: 1.0

HN AFTER:

cat /proc/vz/veth

Version: 1.0

00:18:51:05:12:f4 veth167.0_ifren 00:18:51:14:f0:ef eth0 167 deny

ip a l

```
1: venet0: <BROADCAST,POINTOPOINT,NOARP,UP,LOWER_UP> mtu 1500 qdisc noqueue
  link/void
2: eth0: <BROADCAST,MULTICAST,UP,LOWER_UP> mtu 1500 qdisc pfifo_fast qlen 1000
  link/ether 00:09:6b:8c:90:7e brd ff:ff:ff:ff:ff:ff
  inet 192.168.3.203/24 brd 192.168.3.255 scope global eth0
4: eth1: <BROADCAST,MULTICAST,UP,LOWER_UP> mtu 9000 qdisc pfifo_fast qlen 1000
  link/ether 00:09:6b:8c:90:7f brd ff:ff:ff:ff:ff:ff
  inet 192.168.254.203/24 brd 192.168.254.255 scope global eth1
6: lo: <LOOPBACK,UP,LOWER_UP> mtu 16436 qdisc noqueue
  link/loopback 00:00:00:00:00:00 brd 00:00:00:00:00:00
  inet 127.0.0.1/8 scope host lo
9: veth167.0_ifren: <BROADCAST,MULTICAST> mtu 1500 qdisc noop
```

link/ether 00:18:51:05:12:f4 brd ff:ff:ff:ff:ff:ff

uname -a

Linux obsm4.example.com 2.6.18-028stab053 #2 SMP Thu Jan 31 20:48:41 CET 2008 i686
GNU/Linux

vzctl --version

vzctl version 3.0.22

Subject: Re: Problem using veth

Posted by [maratrus](#) on Mon, 09 Jun 2008 15:43:46 GMT

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where have you got your kernel? Please, describe what steps have you done to get/build it.

Subject: Re: Problem using veth

Posted by [edillmann](#) on Mon, 09 Jun 2008 15:48:36 GMT

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vanilla kernel + patch-ovz028stab053.4-combined.gz

Subject: Re: Problem using veth

Posted by [maratrus](#) on Mon, 09 Jun 2008 16:31:51 GMT

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Hello,

just in case (it shouldn't take many time) please download the latest vzctl version from here <http://git.openvz.org/>, try with it (download via "git clone ([http|git](http://git))://git.openvz.org/pub/<project name> <destination dir>", ./autogen.sh, ./configure,make then use ./src/vzlist, ./src/vzctl binaries). Try with ./src/vzctl does this error still occur?

Subject: Re: Problem using veth

Posted by [edillmann](#) on Tue, 10 Jun 2008 13:19:58 GMT

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Hello,

I didn't try the modified version of vzctl,

but change my kernel to vanilla 2.6.18 + patch-53.1.19.el5.028stab053.14-combined.gz

and the problem was solved

Thanks

Subject: Re: Problem using veth
Posted by [maratrus](#) on Wed, 11 Jun 2008 08:33:25 GMT
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Hi,

I wasn't be able to reproduce this issue
could you possibly looak at this file - "drivers/net/veth.c" on both your kernels. Is there any
difference? Could you possibly attach both of them?
