
Subject: netdev_add kills wanpipe ??

Posted by [geejay](#) on Mon, 30 Nov 2009 07:32:22 GMT

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Hello,

I am trying to use a Sangoma A104D E1 port in a container giving the container exclusive access to the port. However when doing

```
vzctl set 220 --netdev_add w1g1 --save
```

```
vzctl set 220 --netdev_add w1g2 --save
```

the device is killed.

Before adding them with netdev the devices look as following:

```
w1g1    Link encap:Point-to-Point Protocol
        UP POINTOPOINT NOARP MTU:4112 Metric:1
        RX packets:0 errors:0 dropped:0 overruns:0 frame:0
        TX packets:0 errors:0 dropped:0 overruns:0 carrier:0
        collisions:0 txqueuelen:100
        RX bytes:0 (0.0 B) TX bytes:0 (0.0 B)
        Interrupt:18 Memory:f8f20000-f8f21fff
```

```
w1g2    Link encap:Point-to-Point Protocol
        UP POINTOPOINT NOARP MTU:1216 Metric:1
        RX packets:0 errors:0 dropped:0 overruns:0 frame:0
        TX packets:0 errors:0 dropped:0 overruns:0 carrier:0
        collisions:0 txqueuelen:100
        RX bytes:0 (0.0 B) TX bytes:0 (0.0 B)
        Interrupt:18 Memory:f8f20000-f8f21fff
```

The Sangoma API uses raw sockets. So I suppose this should work in OpenVZ similar to TUN/TAP devices. But I cant figure out how to do it.

Just to see whether it helps I added capabilities to the container

```
CAPABILITY="NET_ADMIN:on NET_RAW:on SYS_MODULE:on SYS_RAWIO:on "
```

unfortunately it doesnt.

Anyone any hints ?

I can give openvz developers access to the machine in case someone needs this.

Thank you for your help.

Geejay

Subject: Re: netdev_add kills wanpipe ??
Posted by [maratrus](#) on Fri, 04 Dec 2009 17:36:39 GMT
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Hello,

could you please specify what the phrase "the device is killed" means?
Was the device actually moved into the container?

Subject: Re: netdev_add kills wanpipe ??
Posted by [geejay](#) on Sun, 06 Dec 2009 11:15:52 GMT
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"Killed" means: Before adding it to the container it is visible with ifconfig as a network interface and after adding it is gone.

As far as I can see the task I envisaged is not possible because the device is accessed on the API level to the driver.

Of course I would love to be wrong on this.

Geejay

Subject: Re: netdev_add kills wanpipe ??
Posted by [maratrus](#) on Fri, 18 Dec 2009 12:25:52 GMT
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Hello,

sorry for delay

Quote:

"Killed" means: Before adding it to the container it is visible with ifconfig as a network interface and after adding it is gone.

But this is exactly what netdev_dev is intended to do.
(man vzctl).

It is possible to create two types of network devices inside VE: venet and veth. The latter is created with help of "--netif_add" option. Moving network devices is also possible with help of "-netdev_add" option. Moving network device means moving it from the HN to VE.
<http://wiki.openvz.org/Veth>
