
Subject: Re: trouble with veth device in combination with long veid
Posted by [Thorsten Schifferdeck](#) on Thu, 07 Jun 2007 15:02:32 GMT
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Hi,

or export the right VEID from /proc/vz/veth:

```
/proc/vz/veth :  
MAC_VE0 veth_dev_on_VE0 mac_dev_VE dev_VE VEID deny
```

Attached a workaround patch, to solve this issue.

Regards,
Thorsten

> On Thursday den 7. June 2007 11:32:39 Kirill Korotaev wrote:

>>> On Wednesday den 6. June 2007 17:14:57 Nils Domrose wrote:

>>>> Hi,

>>>>

>>>> we are facing a problem with veth device in combination with long veids.

>>>> if we configure a veth device as described in the wiki, we are unable

>>>> to start that VE with the following error:

>>> In veth.c a buffer with length 11 is allocated.

>>> The buffer is used as follows:

```
>>> snprintf(buf, sizeof(buf), "VEID=%d", veid);
```

>>>

>>> As 6 characters are used for static content (VEID= + '\0'), only 5

>>> characters are left. Your VEID (249104) is 6 characters long.

>>>

>>> Apply the following patch, and you should be running.

>>> (An alternative is to limit your VEID in the range 100 to <= 99999)

>>>

>>>

```
>>> --- a/src/lib/veth.c
```

```
>>> +++ b/src/lib/veth.c
```

```
>>> @@ -90,7 +90,7 @@ static int veth_dev_remove(vps_handler *h, envid_t
```

```
>>> veid, veth_dev *dev) static int run_vznetcfg(envid_t veid, veth_dev *dev)
```

```
>>> {
```

```
>>> int ret;
```

```
>>> - char buf[11];
```

```
>>> + char buf[12];
```

```
>>> char *argv[] = {VZNETCFG, "init", "veth", NULL, NULL};
```

```
>>> char *env[2];
```

```
>>>
```

```
>>> (Last line is empty)
```

>> In kernel if name is limited to 16 bytes, i.e. to 15 chars (plus zero).
>> 4 chars for "veth",
> I call my veth interfaces ve\${VEID}.0, ve\${VEID}.1 ...
> So VEID 1234 will have an interface called ve1234.0 in VE0 (eth0 in VE 1234)
>
>> so 11 chars for number. VEID is int, so limited
>> to 2^32, which is no more then 10 chars length. So everything should
>> be fine except this silly bug in vzctl.
> What if I call my veth interfase abcdefghij\${VEID} ?
>
> (Or do I misunderstand?)
>
>> Why have you chosen 12 instead of 11?
>> AFAICS it should be sizeof("VEID=") + 10 + 1 (for \0) = 16
> I chose 12 because 11 was to small :-)
> It was ment as a workaround. 16 must be right.
>
>> Thanks,
>> Kirill
>
> Regards,
> Kristian.
>
