
Subject: problem with snmpd on veth

Posted by [Alex Prinsier](#) on Sun, 10 Feb 2008 13:51:21 GMT

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Hello,

I'm seeing these error messages appear in my error log:

Feb 10 14:37:04 h01 snmpd[18514]: ioctl 35123 returned -1

I tried to get the cause of this error message:

```
strace /usr/sbin/snmpd -Le -f -u snmp -l -smux -p /var/run/snmpd.pid
127.0.0.1 > /root/snmpd.log 2>&1
```

I could find this in the strace.log:

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socket(PF_INET, SOCK_DGRAM, IPPROTO_IP) = 10
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close(10) = 0
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ioctl(10, SIOCGIFINDEX, {ifr_name="veth3003", ???}) = -1 ENODEV (No such
device)
write(2, "ioctl 35123 returned -1\n", 24)ioctl 35123 returned -1
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veth3003 is associated with VE 3003, in which runs openvpn (don't think that's relevant though).

Anyone knows what this ioctl is for, and why it fails for veth3003?

Thanks,

Alexander

Subject: Re: problem with snmpd on veth

Posted by [Kirill Korotaev](#) on Mon, 11 Feb 2008 12:52:24 GMT

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where do you run this snmpd/strace? in host or in VE?

obviously, there is no veth3003 device found, so the error was returned.

what 'ip a l' commands shows when this happens?

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Alexander Prinsier wrote:

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Subject: Re: problem with snmpd on veth
Posted by [Alex Prinsier](#) on Mon, 11 Feb 2008 18:05:45 GMT
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ip a l lists the interface 'veth3003.0'.

Could this '.0' make a difference?

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Subject: Re: problem with snmpd on veth
Posted by [Kirill Korotaev](#) on Mon, 11 Feb 2008 18:13:28 GMT
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Subject: Re: problem with snmpd on veth
Posted by [Alex Prinsier](#) on Mon, 11 Feb 2008 18:23:57 GMT
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It's not a VLAN. I don't remember giving it a name myself. I thought
openvz somehow choose the name (since it's for VE 3003).

I edited the host_ifname in /etc/vz/conf/3003.conf to veth3003 instead
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Subject: Re: problem with snmpd on veth
Posted by [Kirill Korotaev](#) on Mon, 11 Feb 2008 18:25:54 GMT
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you are welcome!

Kirill

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Subject: Re: problem with snmpd on veth
Posted by [Roman Kagan](#) on Tue, 12 Feb 2008 12:21:25 GMT
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On Mon, Feb 11, 2008 at 09:13:28PM +0300, Kirill Korotaev wrote:
> is it VLAN or you just gave veth that name?

Believe it or not but this is what vzctl assigns to the VE0 end of the
veth pair by default ;)

> I guess snmpd tries to be too smart and assumes it is a VLAN...

Seems so, except that it is too dumb and relies on the naming convention
to figure out VLAN parentship. It should rather query the kernel for
that.

Roman.
