Subject: *SOLVED* debian venet0 is always 127.0.0.1
Posted by disaster on Tue, 25 Jul 2006 16:28:28 GMT
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Hi!

Is it correct, that veth0 is always 127.0.0.1 because there's always the lo interface which has 127.0.0.1.

VE is Debian 3.1

Is there a way to change this behavior - cause i've a software which uses always the first (v)eth address...

Stefan

Subject: Re: debian veth0 is always 127.0.0.1
Posted by hvdkamer on Tue, 25 Jul 2006 17:13:39 GMT
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Strange. I'm also on Debian and in my VE:

```
ve31:~# ifconfig
lo        Link encap:Local Loopback
          inet addr:127.0.0.1  Mask:255.0.0.0
          UP LOOPBACK RUNNING  MTU:16436  Metric:1
          RX packets:30 errors:0 dropped:0 overruns:0 frame:0
          TX packets:30 errors:0 dropped:0 overruns:0 carrier:0
          collisions:0 txqueuelen:0
          RX bytes:3678 (3.5 KiB)  TX bytes:3678 (3.5 KiB)

venet0    Link encap:UNSPEC  HWaddr 00-00-00-00-00-00-00-00-00-00-00-00-00-00-00-00
          inet addr:192.168.13.31  P-t-P:192.168.13.31  Bcast:0.0.0.0  Mask:255.255.255.255
          UP BROADCAST POINTOPOINT RUNNING NOARP  MTU:1500  Metric:1
          RX packets:97610 errors:0 dropped:0 overruns:0 frame:0
          TX packets:77845 errors:0 dropped:0 overruns:0 carrier:0
          collisions:0 txqueuelen:0
          RX bytes:29034585 (27.6 MiB)  TX bytes:44437287 (42.3 MiB)
```

Subject: Re: debian veth0 is always 127.0.0.1
Posted by disaster on Tue, 25 Jul 2006 17:50:05 GMT
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For me it is:

```
lo        Link encap:Local Loopback
          inet addr:127.0.0.1  Mask:255.0.0.0
          UP LOOPBACK RUNNING  MTU:16436  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:0
          RX bytes:0 (0.0 b)  TX bytes:0 (0.0 b)

venet0    Link encap:UNSPEC  HWaddr 00-00-00-00-00-00-00-00-00-00-00-00-00-00-00-00
          inet addr:127.0.0.1  P-t-P:127.0.0.1  Bcast:0.0.0.0  Mask:255.255.255.255
          UP BROADCAST POINTOPOINT RUNNING NOARP  MTU:1500  Metric:1
          RX packets:8267 errors:0 dropped:0 overruns:0 frame:0
          TX packets:6600 errors:0 dropped:0 overruns:0 carrier:0
          collisions:0 txqueuelen:0
          RX bytes:5673417 (5.4 MiB)  TX bytes:1561875 (1.4 MiB)

venet0:0  Link encap:UNSPEC  HWaddr 00-00-00-00-00-00-00-00-00-00-00-00-00-00-00-00
          inet addr:85.158.178.11  P-t-P:85.158.178.11  Bcast:0.0.0.0  Mask:255.255.255.255
          UP BROADCAST POINTOPOINT RUNNING NOARP  MTU:1500  Metric:
```

and the auto generated /etc/network/interfaces is:

```
# Auto generated venet0 interfaces
auto venet0 lo
iface venet0 inet static
        address 127.0.0.1
        netmask 255.255.255.255
        broadcast 0.0.0.0
        up route add -net 191.255.255.1 netmask 255.255.255.255 dev venet0
        up route add default gw 191.255.255.1
iface lo inet loopback

auto venet0:0
iface venet0:0 inet static
        address 85.158.178.11
        netmask 255.255.255.255
        broadcast 0.0.0.0
```

Subject: Re: debian veth0 is always 127.0.0.1
Posted by hvdkamer on Tue, 25 Jul 2006 19:52:07 GMT
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I didn't receive an answer on this topc:

http://forum.openvz.org/index.php?t=msg&th=817&start =0&

but it includes my script to remove the venet0:0 and give the venet0 the IP-adres you want. May be it is the solution to your problem?

Subject: Re: debian veth0 is always 127.0.0.1
Posted by curx on Tue, 25 Jul 2006 19:55:44 GMT
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Hi,

@disaster, get a alternative "debian-add_ip.sh" script at:
http://forum.openvz.org/index.php?t=msg&goto=4378&#m sg_4378

(Its from hvdkamer)

Regards,
Thorsten Schifferdecker

Subject: Re: debian veth0 is always 127.0.0.1
Posted by disaster on Tue, 25 Jul 2006 20:02:24 GMT
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Oh thanks - perhaps this explains why hvdkamer does'nt has it this way...

Subject: Re: debian veth0 is always 127.0.0.1
Posted by Vasily Tarasov on Wed, 26 Jul 2006 05:41:23 GMT
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Quote:Is it correct, that veth0 is always 127.0.0.1 because there's always the lo interface which has 127.0.0.1.

This is just the default behaviour of "add_ip-script" (/etc/vz/dists/scripts/redhat-add_ip.sh for redhat templates).
You can change it editing the decent file.

P.S.
Actually, this isn't veth device! This is venet device.
There is also veth device in OpenVZ. So I change the subject of your post, don't mind? =)

Subject: Re: *SOLVED* debian venet0 is always 127.0.0.1
Posted by disaster on Wed, 26 Jul 2006 07:36:27 GMT
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OK thanks - but why it is like that? I think that's not correct - where's the advantage of this?

Subject: Re: debian veth0 is always 127.0.0.1
Posted by hvdkamer on Wed, 26 Jul 2006 14:11:24 GMT
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disaster wrote on Tue, 25 July 2006 22:02Oh thanks - perhaps this explains why hvdkamer does'nt has it this way...

With a venet0:0 which also had IP-adress 127.0.0.1 (I just checked with the old script) I didn't have experience any problems, but then again I have not done much experiments with the old script. I changed it alsmost after everything worked, because I didn't like the complexity .

I still would like to know if my way raise any problems later on. Or like you why the standard script does it in the way it does. What is the reasoning...