
Subject: *SOLVED* debian veth0 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 topic:

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

but it includes my script to remove the veth0:0 and give the veth0 the IP-address you want. Maybe 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 an 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 doesn't have 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 almost 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...
