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Subject: venet0 and ipv6 (fully specified issue)

Posted by [TonyFeestneus](#) on Thu, 29 May 2014 07:33:35 GMT

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So, I'm new in running a VPS and am now running the following combination:

- openVZ
- 4core,3072mbram, SSD
- Ubuntu 12.04.3 32-bit
- Linux kernel 2.6.32-042stab084.17 on i686
- Virtualmin 4.08.gpl GPL

ifconfig (ips changed for security reasons i guess):

```
lo    Link encap:Local Loopback
      inet addr:127.0.0.1  Mask:255.0.0.0
      inet6 addr: ::1/128 Scope:Host
      UP LOOPBACK RUNNING  MTU:16436  Metric:1
      RX packets:40 errors:0 dropped:0 overruns:0 frame:0
      TX packets:40 errors:0 dropped:0 overruns:0 carrier:0
      collisions:0 txqueuelen:0
      RX bytes:3870 (3.8 KB)  TX bytes:3870 (3.8 KB)

venet0  Link encap:UNSPEC  HWaddr 00-00-00-00-00-00-00-00-00-00-00-00-00-00-00-00
      inet addr:127.0.0.2  P-t-P:127.0.0.2  Bcast:0.0.0.0  Mask:255.255.255.255
      inet6 addr: 2a10:d888:3:3::513f:7c57/128 Scope:Global
      inet6 addr: 2a10:d888:3:3::8c68:d2da/128 Scope:Global
      inet6 addr: 2a10:d888:3:3::2b95:d43c/128 Scope:Global
      inet6 addr: 2a10:d888:3:3::8560:89b5/128 Scope:Global
      inet6 addr: 2a10:d888:3:3::c365:e645/128 Scope:Global
      inet6 addr: 2a10:d888:3:3::d46f:5d5b/128 Scope:Global
      inet6 addr: 2a10:d888:3:3::f21:4d21/128 Scope:Global
      inet6 addr: 2a10:d888:3:3::f68b:2ae4/128 Scope:Global
      inet6 addr: 2a10:d888:3:3::e024:905d/128 Scope:Global
      inet6 addr: 2a10:d888:3:3::1b1c:4f27/128 Scope:Global
      inet6 addr: 2a10:d888:3:3::469a:ec3c/128 Scope:Global
      inet6 addr: 2a10:d888:3:3::b098:18f0/128 Scope:Global
      inet6 addr: 2a10:d888:3:3::dc92:2cf7/128 Scope:Global
      inet6 addr: 2a10:d888:3:3::270d:2c92/128 Scope:Global
      inet6 addr: 2a10:d888:3:3::a7dc:a391/128 Scope:Global
      inet6 addr: 2a10:d888:3:3::142a:495b/128 Scope:Global
      UP BROADCAST POINTOPOINT RUNNING NOARP  MTU:1500  Metric:1
      RX packets:17093 errors:0 dropped:0 overruns:0 frame:0
      TX packets:11653 errors:0 dropped:1 overruns:0 carrier:0
      collisions:0 txqueuelen:0
      RX bytes:17125323 (17.1 MB)  TX bytes:4242038 (4.2 MB)

venet0:0  Link encap:UNSPEC  HWaddr 00-00-00-00-00-00-00-00-00-00-00-00-00-00-00-00
      inet addr:177.56.238.21  P-t-P:177.56.238.21  Bcast:0.0.0.0  Mask:255.255.255.255
```

UP BROADCAST POINTOPOINT RUNNING NOARP MTU:1500 Metric:1

So, the venet0:0 has the right ipv4 address and creating virtual servers only work if I set this:  
In Virtualmin>System Settings>Virtualmin Configuration>Network settings:  
Network interface for virtual addresses: venet0:0

Great, but then venet0 is ignored I guess and so are all the ipv6 addresses.

How can i combine venet0 and venet0:0 in to one, to make sure all ipv6 are working and also ipv4 is still working?

Thanks a lot!!

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