
Subject: Re: OpenVZ + Ubuntu 9.04 + IPv6
Posted by [broquea](#) on Thu, 30 Jul 2009 03:25:29 GMT
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Here, have some system output, slightly sanitized.

7.10 VE that works:

relevant ifconfig output:

```
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
  inet6 addr: ::1/128 Scope:Host
  inet6 addr: 2001:470:x:x::x/0 Scope:Global
```

relevant /etc/network/interfaces settings:

```
iface venet0 inet6 static
  address ::1
  netmask 128
  up ifconfig venet0 add 2001:470:x:x::x
```

ipv6 routing information:

```
::/0          ::          U  256  0    0 venet0
::1/128       ::          U   0   6    1 lo
::1/128       ::          U   0   0    1 lo
2001:470:x:x::x/128  ::          U   0   372  1 lo
ff00::/8      ::          U  256  0    0 venet0
```

9.04 VE not working:

relevant ifconfig output:

```
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
  inet6 addr: ::1/128 Scope:Host
  inet6 addr: 2001:470:x:x::x/128 Scope:Global
```

relevant /etc/network/interfaces settings:

```
iface venet0 inet6 static
  address ::1
  netmask 128
  up ifconfig venet0 add 2001:470:x:x::x
```

IPv6 routing information:

```
:::0          ::          !n -1 144448555 lo
::1/128      ::          Un 0 1 4 lo
::1/128      ::          Un 0 1 0 lo
2001:470:x:x::x/128  ::      Un 0 1 3 lo
ff00::/8     ::          U 256 0 0 venet0
:::0         ::          !n -1 144448555 lo
```

Obviously the default route statements on the 9.04 system stink. This is where I'm stuck.
