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Subject: \*SOLVED\* Ubuntu VE + working IPv6  
Posted by [broquea](#) on Fri, 21 Dec 2007 07:27:05 GMT  
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I need to support IPv6, and am playing with Ubuntu as a VE. I've used it as itself naturally, and IPv6 wasn't a problem to configure. My other VEs (not debian based: centos, fedora, trixbox) configure and use IPv6 happily (yay!).

I'm able to configure the IP with vzctl, and once the VE is up and entered, /etc/network/interfaces has an IPv6 config (IP changed for posterity):

```
iface venet0 inet6 static
    address ::1
    netmask 128
    up ifconfig venet0 add a:b:c::d
```

However ifconfig output shows nothing configured:

```
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: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)
```

I'm looking for this to come up correctly when the VE is started (like the other VEs), and am wondering if the syntax isn't generated correctly or if I'm overlooking something. I don't have access to a non-virtualized ubuntu box to muck with, or spare equipment to blast it onto (zomg, a reason for virtualization!!1!1).

And searching for IPv6 + (any distro) results in "omg what the hell is ipv6, and how do I get rid of it because it takes me an extra 30 seconds for dns lookups to time out because it found a AAAA record and my computer/ISP isn't cool enough to have tunneled/native IPv6 connectivity" posts.

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