
Subject: Re: Networking with OpenVz on Debian
Posted by [irontowngeek](#) on Fri, 10 Jul 2009 15:18:35 GMT
[View Forum Message](#) <> [Reply to Message](#)

In using VETH adapters non bridged you must make the VETH adapter for a container its gateway and each container must be subnetted
For simplicity I use nothing but static configurations
As an example

In VE

```
DEVICE eth0
TYPE Ethernet
IPADDR 192 168 254 1
PREFIXLEN 30
GATEWAY 192 168 254 2
MTU 1500
ONBOOT yes
```

You can still leave the

```
ip route add default dev eth0
```

as this is mainly a fall back

If you type

```
ip route list
```

in the VE you will find the VETH adapter is listed as the default gateway device
Using my example the VETH adapter becomes

```
DEVICE veth254 0
TYPE Ethernet
IPADDR 192 168 254 2
PREFIXLEN 30
MTU 1500
ONBOOT yes
```

If routing is proper on the your networks gateway router then you should have no problems reaching the global Net

In other words has the VE containers subnet in its table

Remember that routing on the HN is handled via the kernel at the interface level

I use a 16 prefix on a gateway router if I do not use a routing protocol

My Node servers curently run OSPF so routing is dynamic

I use a 30 prefix length as this is more than enough in using non bridged VETH interfaces

I hope you can read this okay as my keyboard is flaking out on one side

Reading your explanation of your problem I do not think you need any help beyond this explanation
