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Subject: Re: Networking with OpenVz on Debian  
Posted by [irontowngeek](#) on Mon, 13 Jul 2009 15:27:23 GMT  
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I'm going to repost this reply,as I'm not sure that it took.

First,let's go back to square one.

I'm assuming you use a REDHAT OS on the Node,and you want to network a DEBIAN VE.

\* Issue number 1.

No IP address for VETH interface.

```
veth70.0 Link encap:Ethernet HWaddr 00:18:51:39:c7:e7
        inet6 addr: fe80::218:51ff:fe39:c7e7/64 Scope:Link
        UP BROADCAST RUNNING MULTICAST MTU:1500 Metric:1
        RX packets:26 errors:0 dropped:0 overruns:0 frame:0
        TX packets:18 errors:0 dropped:0 overruns:0 carrier:0
        collisions:0 txqueuelen:0
        RX bytes:1750 (1.7 KiB) TX bytes:1312 (1.2 KiB)
```

If you are not bridging a VETH adapter interface,you must assign an IP address to the VETH adapter.

\* Issue number 2

VE containers ID numbers must start at 100. Whether this makes a difference,I have not tested.

Assuming what I have wrote;

On the Node server for REDHAT based distributions;

```
DEVICE=veth100.0
TYPE=Ethernet
IPADDR=192.168.100.2
NETMASK=255.255.255.0
ONBOOT=yes
```

On the VE container,for REDHAT based distributions;

```
DEVICE=eth0
TYPE=Ethernet
IPADDR=192.168.100.1
NETMASK=255.255.255.0
GATEWAY=192.168.100.2
ONBOOT=yes
```

If you are using DEBIAN,as the Node server OS;

```
iface veth100.0 inet static
address 192.168.100.2
netmask 255.255.255.0
broadcast 192.168.100.255
gateway 192.168.11.1
```

If you are using DEBIAN,as the VE container;

```
iface eth0 inet static
address 192.168.100.1
netmask 255.255.255.0
broadcast 192.168.100.255
gateway 192.168.100.2
dns-nameserver x.x.x.x
```

As far as specific IPTABLES syntax,I use SHOREWALL firewall,as it uses configuration files that you can edit.