
Subject: Virtual Ethernet Adapter

Posted by [jaykarnik](#) on Mon, 12 Oct 2009 09:21:18 GMT

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I needed to set up two virtual networks on the local machine. One for the internal network and one for the external network. With virtuoizzo i used the following commands to achieve this.

```
# vznetcfg net new vznetwork1
# vznetcfg net new vznetwork2
```

Also I defined a virtual network adapter eth0.1

```
# vznetcfg vlan add eth0 1
```

The primary network adapter eth0, is connected to the external network while the virtual network adapter eth0.1, is connected to the internal network. I connected the two network adapters to their respective virtual networks with the following commands.

```
# vznetcfg net addif vznetwork1 eth0
# vznetcfg net addif vznetwork2 eth0.1
```

then any container i wanted to use networking i did it as follows:

Add two network adapters to the containers

```
#vzctl set 254 --netif_add vznet1 --save
#vzctl set 254 --netif_add vznet2 -save
```

Configure the individual adapters.

```
#vzctl set 254 --ifname vznet1 --network vznetwork2 --ipadd
192.168.0.254 -gw 10.94.221.20 --save
#vzctl set 254 --ifname vznet2 --network vznetwork1 --ipadd
10.94.221.21/16 --gw 10.94.0.254 --nameserver 10.91.2.11 -save
```

I cant figure out how to do the same setup in openvz as the vznetcfg command is not working as it does with virtuoizzo.
