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Subject: Re: how to set subnet mask

Posted by [Vasily Tarasov](#) on Wed, 06 Dec 2006 07:58:36 GMT

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Hello,

I really don't know why do you need it ('cause <venet0 in VE> is directly connected to <venet on HN>), but will explain how to do it.

Step by step guide (works at least for vzctl-3.0.13):

1. Determine which template do you use for the VE in question:

```
# grep TEMPL /etc/vz/conf/202.conf
OSTEMPLATE="fedora-core-4-i386-default
#
```

So this is fedora-core-4 in my case.

2. Figure out which script runs to setup network for this template:

```
# grep = /etc/vz/dists/fedora-core-4.conf
ADD_IP=redhat-add_ip.sh
DEL_IP=redhat-del_ip.sh
SET_HOSTNAME=redhat-set_hostname.sh
SET_DNS=set_dns.sh
SET_USERPASS=set_userpass.sh
SET_UGID_QUOTA=set_ugid_quota.sh
POST_CREATE=postcreate.sh
#
```

I can see that script redhat-add\_ip.sh runs when we do --ipadd.

4. Modify script in order it to use required NETMASK:

```
# grep NETMASK /etc/vz/dists/scripts/redhat-add_ip.sh
NETMASK=255.255.255.255
NETMASK=255.255.255.255" > ${IFCFG_DIR}/bak/${VENET_DEV_CFG}:${ifnum} || \
# vim /etc/vz/dists/scripts/redhat-add_ip.sh
[root@white ~]# grep NETMASK /etc/vz/dists/scripts/redhat-add_ip.sh
NETMASK=255.255.255.248
NETMASK=255.255.255.248" > ${IFCFG_DIR}/bak/${VENET_DEV_CFG}:${ifnum} || \
```

5. Check that it works:

```
# vzctl start 202
Starting VE ...
VE is mounted
Setting CPU units: 1000
VE start in progress...
```

```
# vzctl enter 202
entered into VE 202
[ve]# ifconfig | grep Mask
    inet addr:127.0.0.1  Mask:255.0.0.0
    inet addr:127.0.0.1  P-t-P:127.0.0.1  Bcast:0.0.0.0  Mask:255.255.255.248
```

```
[ve]# exit
logout
```

```
exited from VE 202
# vzctl stop 202
Stopping VE ...
VE was stopped
VE is unmounted
# /etc/init.d/vz stop
Stopping OpenVZ:                [ OK ]
# /etc/init.d/vz start
Starting OpenVZ:                [ OK ]
Bringing up interface venet0:   [ OK ]
Configuring interface venet0:   [ OK ]
# vzctl start 202
Starting VE ...
VE is mounted
Setting CPU units: 1000
VE start in progress...
# vzctl enter 202
entered into VE 202
[VE]# ifconfig -a | grep Mask
    inet addr:127.0.0.1  Mask:255.0.0.0
    inet addr:127.0.0.1  P-t-P:127.0.0.1  Bcast:0.0.0.0  Mask:255.255.255.248
```

HTH,  
Vasily.

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