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Subject: **\*SOLVED\*** Unable to set iptables on running VE  
Posted by [pringleso](#) on Wed, 16 May 2007 17:17:52 GMT  
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hello,

I want to give VPN access through a VE, but the only problem i'm having is that i can't NAT inside the VE.

Referring to this thread [http://forum.openvz.org/index.php?t=msg&goto=11904&& amp; amp; amp; amp; srch=nat+inside+ve#msg\\_11904](http://forum.openvz.org/index.php?t=msg&goto=11904&& amp; amp; amp; amp; amp; srch=nat+inside+ve#msg_11904)

I tried

```
[root@myServer ~]# vzctl set 111 --iptables iptable_nat --save
Unable to set iptables on running VE
Saved parameters for VE 111
```

myServer=HN

:'(

```
[root@myServer ~]# lsmod | grep ^iptable_nat
iptable_nat      26296  1
```

can anybody help?

thanks

edit:

added iptable\_nat to vz.conf but doesnt make a diff

```
[root@fc61484 vz]# cat vz.conf
## Global parameters
VIRTUOZZO=yes
LOCKDIR=/vz/lock
DUMPPDIR=/vz/dump
VE0CPUUNITS=15000

## Logging parameters
LOGGING=yes
LOGFILE=/var/log/vzctl.log
```

```
LOG_LEVEL=0
```

```
VERBOSE=0
```

```
## Disk quota parameters
```

```
DISK_QUOTA=yes
```

```
VZFASTBOOT=no
```

```
# The name of the device whose ip address will be used as source ip for VE.
```

```
# By default automatically assigned.
```

```
#VE_ROUTE_SRC_DEV="eth0"
```

```
## Template parameters
```

```
TEMPLATE=/vz/template
```

```
## Defaults for VEs
```

```
VE_ROOT=/vz/root/$VEID
```

```
VE_PRIVATE=/vz/private/$VEID
```

```
CONFIGFILE="vps.basic"
```

```
DEF_OSTEMPLATE="fedora-core-4"
```

```
## Load vzwdog module
```

```
VZWDOG="no"
```

```
IPV6="no"
```

```
IPTABLES="ipt_REJECT ipt_tos ipt_limit ipt_multiport iptable_filter iptable_mangle ipt_TCPMSS  
ipt_tcpmss ipt_ttl ipt_length iptable_nat"
```

then restarted /etc/init.d/vz fine

```
[root@myServer ~]# vzctl set 111 --iptables iptable_nat --save
```

```
Unable to set iptables on running VE
```

```
Saved parameters for VE 111
```

```
[root@myServer]# route -n
```

```
Kernel IP routing table
```

Destination	Gateway	Genmask	Flags	Metric	Ref	Use	Iface
192.168.2.111	0.0.0.0	255.255.255.255	UH	0	0	0	venet0
216.x.x.x	0.0.0.0	255.255.255.128	U	0	0	0	eth0
169.254.0.0	0.0.0.0	255.255.0.0	U	0	0	0	eth0
0.0.0.0	216.x.x.x	0.0.0.0	UG	0	0	0	eth0

inside the VE:

```
root@vps111:~# route -n
```

```
Kernel IP routing table
```

Destination	Gateway	Genmask	Flags	Metric	Ref	Use	Iface
192.0.2.1	0.0.0.0	255.255.255.255	UH	0	0	0	venet0
10.8.0.2	0.0.0.0	255.255.255.255	UH	0	0	0	tun0
10.8.0.0	10.8.0.2	255.255.255.0	UG	0	0	0	tun0
0.0.0.0	192.0.2.1	0.0.0.0	UG	0	0	0	venet0

```
root@vps111:~# iptables -t nat -A POSTROUTING -s 10.8.0.6 -o eth0 -j SNAT --to 192.0.2.1
```

```
root@vps111:~# route -n
```

```
Kernel IP routing table
```

Destination	Gateway	Genmask	Flags	Metric	Ref	Use	Iface
192.0.2.1	0.0.0.0	255.255.255.255	UH	0	0	0	venet0
10.8.0.2	0.0.0.0	255.255.255.255	UH	0	0	0	tun0
10.8.0.0	10.8.0.2	255.255.255.0	UG	0	0	0	tun0
0.0.0.0	192.0.2.1	0.0.0.0	UG	0	0	0	venet0

10.8.0.6 is the ip given to a computer on the vpn, the VE is able to ping the computer connected via vpn and vice versa.