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Posted by [igox](#) on Tue, 18 Sep 2007 05:00:26 GMT

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VE

```
[root@mailserver /]# ip a
1: lo: <LOOPBACK,UP,10000> mtu 16436 qdisc noqueue
    link/loopback 00:00:00:00:00:00 brd 00:00:00:00:00:00
    inet 127.0.0.1/8 brd 127.255.255.255 scope host lo
3: venet0: <BROADCAST,POINTOPOINT,NOARP,UP,10000> mtu 1500 qdisc noqueue
    link/void
    inet 127.0.0.1/24 scope host venet0
    inet 192.168.99.1/32 scope global venet0:0
```

```
$IPTABLES -t nat -A PREROUTING -p TCP -d $EXTERNAL_ADDRESS --dport 25 -j
DNAT --to-destination 192.168.99.1:25
```

```
[root@mailserver /]# tcpdump -i venet0 port 25
tcpdump: WARNING: arptype 65535 not supported by libpcap - falling back
to cooked socket
tcpdump: verbose output suppressed, use -v or -vv for full protocol decode
listening on venet0, link-type LINUX_SLL (Linux cooked), capture size 96
bytes
13:30:38.972506 IP 192.168.100.10.47080 > 192.168.99.1.smtp: S
2596062421:2596062421(0) win 5840 <mss 1460,nop,nop,sackOK,nop,wscale 4>
13:30:38.972527 IP 192.168.99.1.smtp > 192.168.100.10.47080: S
1133420120:1133420120(0) ack 2596062422 win 5840 <mss
1460,nop,nop,sackOK,nop,wscale 2>
13:30:39.001294 IP 192.168.100.10.47080 > 192.168.99.1.smtp: . ack 1 win 365
13:30:39.001764 IP 192.168.99.1.smtp > 192.168.100.10.47080: P 1:39(38)
ack 1 win 1460
13:30:39.028856 IP 192.168.100.10.47080 > 192.168.99.1.smtp: . ack 39
win 365
13:30:43.855556 IP 192.168.100.10.47080 > 192.168.99.1.smtp: P 1:7(6)
ack 39 win 365
13:30:43.855578 IP 192.168.99.1.smtp > 192.168.100.10.47080: . ack 7 win
1460
13:30:43.855631 IP 192.168.99.1.smtp > 192.168.100.10.47080: P 39:74(35)
```

```
ack 7 win 1460
13:30:43.855651 IP 192.168.99.1.smtp > 192.168.100.10.47080: F 74:74(0)
ack 7 win 1460
13:30:43.882783 IP 192.168.100.10.47080 > 192.168.99.1.smtp: . ack 74
win 365
```

HN

```
[root@gate sysconfig]# ifconfig
eth0  Link encap:Ethernet HWaddr 00:15:
      inet addr:192.168.100.10 Bcast:192.168.100.255
Mask:255.255.255.0
..
eth1  Link encap:Ethernet HWaddr 00:15:
      inet addr:192.168.23.2 Bcast:192.168.23.255 Mask:255.255.255.0
..
eth2  Link encap:Ethernet HWaddr 00:11:
eth3  Link encap:Ethernet HWaddr 00:17:
      inet addr:192.168.101.1 Bcast:192.168.101.255 Mask:255.255.255.0
..
lo    Link encap:Local Loopback
      inet addr:127.0.0.1 Mask:255.0.0.0
..
ppp999 Link encap:Point-to-Point Protocol
Mask:255.255.255.255
..
tun1  Link encap:UNSPEC HWaddr
00-00-00-00-00-00-00-00-00-00-00-00-00-00-00-00
      inet addr:192.168.202.1 P-t-P:192.168.202.2 Mask:255.255.255.255
..
venet0 Link encap:UNSPEC HWaddr
00-00-00-00-00-00-00-00-00-00-00-00-00-00-00-00
...
```

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Posted by [igox](#) on Tue, 18 Sep 2007 09:05:36 GMT  
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```
$IPTABLES -t nat -A POSTROUTING -d 0/0 -j MASQUERADE
```

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