
Subject: *SOLVED* MASQUERADE with IPTables in a VPS

Posted by [slg2001](#) on Sat, 21 Oct 2006 09:30:24 GMT

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Hello,

i can't add a iptables Rule for masquerading in the VPS where my OpenVPN-Server is running, at the HN is it no problem to add someone!

VPS-Network=192.168.120.0/24

OpenVPN-Network= 5.5.0.0/24

VPS IPTables-Config

```
IPTABLES="iptables iptable_mangle ipt_limit ipt_multiport ipt_tos ipt_TOS ipt_REJECT  
ipt_TCPMSS ipt_tcpmss ipt_ttl ipt_LOG ipt_length ip_conntrack ip_conntrack_ftp ip_conntrack_irc  
ip_conntrack ipt_state ipt_helper iptable_nat ip_nat_ftp ip_nat_irc ipt_REDIRECT "
```

Loaded IPTables Modules at the HN

```
[root@hn ~]# lsmod | grep ipt  
ipt_MASQUERADE      1632 0  
iptables_nat       7716 3  
ip_nat              13300 2 ipt_MASQUERADE,iptables_nat  
ip_conntrack        47300 4 xt_state,iptables_nat,ip_nat  
ipt_ttl             1568 5  
ipt_TCPMSS          3552 5  
iptables_mangle     3520 5  
iptables_filter     3232 7  
ipt_multiport       2496 10  
ipt_tos             1344 5  
ipt_REJECT          4256 7  
ip_tables           11356 3 iptable_nat,iptables_mangle,iptables_filter  
x_tables            12544 13  
ipt_MASQUERADE,xt_state,iptables_nat,xt_tcpudp,xt_length,ipt_ttl,xt_tcpmss,ipt_TCPMSS,ipt_mu  
ltiport,xt_limit,ipt_tos,ipt_REJECT,ip_tables  
[root@hn ~]#
```

add a iptables rule at the VPS

```
[root@vps ~]# iptables -t nat -A POSTROUTING -s 5.5.0.0/24 -j MASQUERADE  
iptables: No chain/target/match by that name  
[root@vps ~]# iptables -L -t nat  
Chain OUTPUT (policy ACCEPT)  
target prot opt source destination
```

```
Chain POSTROUTING (policy ACCEPT)
target  prot opt source          destination
```

```
Chain PREROUTING (policy ACCEPT)
target  prot opt source          destination
[root@vps ~]#
```

add a iptables rule at the HN

```
[root@hn ~]# iptables -t nat -A POSTROUTING -s 5.5.0.0/24 -j MASQUERADE
[root@hn ~]# iptables -t nat -L
Chain OUTPUT (policy ACCEPT)
target  prot opt source          destination
```

```
Chain POSTROUTING (policy ACCEPT)
target  prot opt source          destination
MASQUERADE all -- 5.5.0.0/24      anywhere
```

```
Chain PREROUTING (policy ACCEPT)
target  prot opt source          destination
[root@hn ~]#
```

Some informations about the Hardware-Node

```
[root@hn ~]# uname -r
2.6.16-026test018.1.custom
[root@hn ~]#
```

I hope i don't forgot any information!
Thx for your help.

slg2001

File Attachments

1) [kernel-2.6.16-026test018-i686.config.ovz](#), downloaded 562 times
