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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="iptable_filter 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  
ipt_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  
iptable_nat        7716  3  
ip_nat            13300  2 ipt_MASQUERADE,iptable_nat  
ip_conntrack       47300  4 xt_state,iptable_nat,ip_nat  
ipt_ttl           1568  5  
ipt_TCPMSS         3552  5  
iptable_mangle     3520  5  
iptable_filter      3232  7  
ipt_multiport       2496  10  
ipt_tos            1344  5  
ipt_REJECT          4256  7  
ip_tables          11356  3 iptable_nat,iptable_mangle,iptable_filter  
x_tables           12544  13  
ipt_MASQUERADE,xt_state,iptable_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 345 times

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Subject: Re: MASQUERADE with IPTABLES in a VPS  
Posted by [curx](#) on Sat, 21 Oct 2006 12:30:31 GMT

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Hi,

a look to the man page of vzctl shows me that the "ipt\_MASQUERADE" is not in the IPTABLES MODULE LIST!

So you can't use the module ipt\_MASQUERADE!

--iptables name

Restrict access to iptables modules inside a VE (by default all iptables modules that are loaded in the host system are accessible inside a VE).

You can use the following values for name: iptable\_filter, 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, ipt\_conntrack, ipt\_state, ipt\_helper, iptable\_nat, ip\_nat\_ftp, ip\_nat\_irc, ipt\_REDIRECT xt\_mac.

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Subject: \*\*\*SOLVED\*\*\* Re: MASQUERADE with IPTables in a VPS

Posted by [slg2001](#) on Sat, 21 Oct 2006 15:07:04 GMT

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Hi curx,

thanks for the information!

Who can read, has an advantage.

Best regards

Stefan

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Subject: Re: MASQUERADE with IPTables in a VPS

Posted by [astaka](#) on Sat, 10 Feb 2007 04:48:16 GMT

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sorry, if I can't use ipt\_masquerade and how can i do the NAT in VE?

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