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 iptalbes 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 IPtalbes-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 iptalbes 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 infromations 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 749 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.

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

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_masqerade and how can i do the NAT in VE?
