
Subject: iptables nat CT problem

Posted by [mashreghi](#) on Tue, 15 Jul 2014 17:29:34 GMT

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After changing "ip_conntrack_disable_ve0" from 1 to 0 in '/etc/modprobe.d/openvz.conf' iptables nat works fine inside server :

```
[root@sv ~]# iptables -t nat -nvL
```

```
Chain PREROUTING (policy ACCEPT 1756 packets, 108K bytes)
pkts bytes target    prot opt in     out     source        destination
```

```
Chain POSTROUTING (policy ACCEPT 1790 packets, 111K bytes)
pkts bytes target    prot opt in     out     source        destination
```

```
Chain OUTPUT (policy ACCEPT 38 packets, 2781 bytes)
pkts bytes target    prot opt in     out     source        destination
```

but I cant use iptables nat inside vps, how can I fix it ?

```
root@vps:/# iptables -t nat -nvL
```

```
iptables v1.4.21: can't initialize iptables table `nat': Table does not exist (do you need to insmod?)
Perhaps iptables or your kernel needs to be upgraded.
```

```
[root@sv modprobe.d]# cat /etc/modprobe.d/openvz.conf
options nf_conntrack ip_conntrack_disable_ve0=0
```

Quote:

```
[root@sv modprobe.d]# grep -i iptables /etc/vz/vz.conf
## WARNING: IPTABLES parameter is deprecated,
## iptables kernel modules to be loaded by init.d/vz script
IPTABLES_MODULES="iptables_nat ipt_REJECT ipt_tos ipt_limit ipt_multiport iptable_filter
iptables_mangle ipt_TCPMSS ipt_tcpmss ipt_ttl ipt_length ip6_tables ip6table_filter
ip6table_mangle ip6t_REJECT"
```

Quote:

```
[root@sv conf]# grep -i iptables /etc/vz/conf/105.conf
IPTABLES="iptables_nat ip_tables iptable_filter iptable_mangle ipt_multiport ipt_REJECT ipt_LOG
ip_conntrack ipt_conntrack ipt_state ipt_helper ipt_REDIRECT"
```

```
[root@sv ~]# uname -a
```

```
Linux d8.d.de.static.server.com 2.6.32-042stab092.2 #1 SMP Tue Jul 8 10:35:55 MSK 2014
x86_64 x86_64 x86_64 GNU/Linux
```

I've root access to both server and vps.
