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Subject: Re: iptables: Error inserting x\_tables  
Posted by [john33](#) on Thu, 01 Apr 2010 14:57:18 GMT  
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Hi,

I'm facing a new issue with the following command in the VE:

Quote:

```
# iptables -L -t raw
WARNING: Error inserting x_tables (/lib/modules/2.6.24/kernel/net/netfilter/x_tables.ko):
Operation not permitted
FATAL: Error inserting ip_tables (/lib/modules/2.6.24/kernel/net/ipv4/netfilter/ip_tables.ko) :
Operation not permitted
iptables v1.3.8: can't initialize iptables table `raw': Table does not exist (do you need to insmod?)
Perhaps iptables or your kernel needs to be upgraded.
```

Here is the IPTABLES line of /etc/vz/conf/veid.conf:

Quote:

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

However, the following command works:

Quote:

```
# iptable -L -t nat
Chain PREROUTING (policy ACCEPT)
target    prot opt source                destination

Chain POSTROUTING (policy ACCEPT)
target    prot opt source                destination
MASQUERADE all  -- anywhere             anywhere

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

Here is the output of lsmod on the host:

Quote:

```
$ lsmod
Module          Size Used by
kvm             110816 0
vzethdev        23552 0
vznetdev        33160 1
```

```

simfs          14448 1
vzrst          153000 0
vzcpt          128312 0
tun            23168 2 vzrst,vzcpt
vzdquota       57712 1 [permanent]
vzmon          53520 5 vzethdev,vznetdev,vzrst,vzcpt
vzdev          12808 8 vzethdev,vznetdev,vzdquota,vzmon
xt_tcpudp      12416 0
xt_length      10880 0
ipt_ttl        10752 0
xt_tcpmss      11264 0
xt_TCPMSS      13696 0
iptables_mangle 13824 1
xt_multiport   12288 0
xt_limit       12160 0
ipt_tos        10496 0
ipt_REJECT     13952 0
cpufreq_powersave 10624 0
cpufreq_userspace 14852 0
cpufreq_stats  16288 0
cpufreq_conservative 18056 0
cpufreq_ondemand 18576 0
freq_table     14336 2 cpufreq_stats,cpufreq_ondemand
sbs            25232 0
sbshc          16384 1 sbs
container      14080 0
dock           20384 0
video          30100 0
output         13184 1 video
battery        24200 0
iptables_filter 13696 1
ipv6           336960 27 vzrst,vzcpt,vzmon
xt_conntrack   12800 0
nf_conntrack_irc 16544 0
nf_conntrack_ftp 19368 0
iptables_raw   11392 0
ipt_MASQUERADE 11648 1
xt_state       11520 0
iptables_nat   19460 3
ip_tables      33256 4 iptables_mangle,iptables_filter,iptables_raw,iptables_nat
nf_nat         31376 2 ipt_MASQUERADE,iptables_nat
x_tables       33288 14 xt_tcpudp,xt_length,ipt_ttl,xt_tcpmss,xt_TCPMSS,xt_multiport
,xt_limit,ipt_tos,ipt_REJECT,xt_conntrack,ipt_MASQUERADE,xt_state,iptables_nat,ip_tables
nf_conntrack_ipv4 36496 4 iptables_nat
nf_conntrack   100960 7 xt_conntrack,nf_conntrack_irc,nf_conntrack_ftp,xt_state,ip_tables
nf_nat,nf_nat,nf_conntrack_ipv4
lp             22340 0
af_packet      35592 10

```

```

snd_intel8x0      47784 2
snd_ac97_codec    130264 1 snd_intel8x0
ac97_bus          11264 1 snd_ac97_codec
parport_pc        48552 0
snd_pcm           95112 2 snd_intel8x0,snd_ac97_codec
pcspkr           12160 0
snd_timer         34824 1 snd_pcm
parport           52364 2 lp,parport_pc
serio_raw         16516 0
evdev             22528 3
ac                15752 0
psmouse           53788 0
button            18336 0
i2c_piix4         18316 0
snd               76968 8 snd_intel8x0,snd_ac97_codec,snd_pcm,snd_timer
soundcore         17824 1 snd
snd_page_alloc    19984 2 snd_intel8x0,snd_pcm
i2c_core          35968 1 i2c_piix4
ext3              156560 1
jbd               64424 1 ext3
mbcache           18816 1 ext3
sg                48920 0
sr_mod            27556 0
cdrom             49064 1 sr_mod
sd_mod            40704 3
pata_acpi         17280 0
ata_generic       17412 0
ehci_hcd          48268 0
ohci_hcd          38020 0
floppy            76136 0
ata_piix          31620 2
usbcore           176688 3 ehci_hcd,ohci_hcd
ssb               44676 1 ohci_hcd
e1000             144576 0
libata            183088 3 pata_acpi,ata_generic,ata_piix
scsi_mod          186168 4 sg,sr_mod,sd_mod,libata
thermal           27168 0
processor         49864 1 thermal
fan               14216 0
fuse              64528 5

```

What modules may I have missed on the host, or may I have to add to IPTABLES in the conf file? (I have tried iptable\_raw, ipt\_recent and xt\_conntrack but I get an "Unknown iptable module: XXX skipped" error when entering with vzctl.

Thanks