
Subject: *SOLVED* iptables: No chain/target/match by that name

Posted by [fransonline](#) on Sat, 18 Nov 2006 12:45:56 GMT

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I want to install a firewall in the VPS such as APF, but get "No chain/target/match by that name" errors

When I do a simple test in the VPS:

iptables -A INPUT -p tcp --dport 22 -j ACCEPT

then this error occurs:

iptables: No chain/target/match by that name

I've seen more topics in this forum, I tried all the tips but without any luck.

I'm get rather desperate because I can't discover what is wrong.

Here the information on the HN.

It's a Linux Fedora FC 5 distro with a 2.6.16-026test015.2 kernel.

0. Status iptables

```
[root@localhost ~]# service iptables status
Table: nat
Chain PREROUTING (policy ACCEPT)
target    prot opt source          destination
Chain POSTROUTING (policy ACCEPT)
target    prot opt source          destination
Chain OUTPUT (policy ACCEPT)
target    prot opt source          destination
```

```
Table: mangle
Chain PREROUTING (policy ACCEPT)
target    prot opt source          destination
```

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

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

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

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

Table: filter

Chain INPUT (policy ACCEPT)
target prot opt source destination

Chain FORWARD (policy ACCEPT)
target prot opt source destination

Chain OUTPUT (policy ACCEPT)
target prot opt source destination

1. lsmod before the VPS starts

```
=====
[root@localhost ~]# lsmod | grep ipt
iptable_nat          7940  0
ip_nat               13780  3 vzrstd,ip_nat_ftp,iptable_nat
iptable_mangle        3680  0
iptable_filter        3200  0
ip_conntrack          47688  6 vzrstd,vzcppt,ip_nat_ftp,iptable_nat,ip_nat,xt_state
ip_tables              12184  3 iptable_nat,iptable_mangle,iptable_filter
ipt_LOG                6176  0
ipt_TOS                2016  0
ipt_ttl                1568  0
ipt_TCPMSS              3648  0
ipt_multiport            2336  0
ipt_tos                1344  0
ipt_REJECT              4288  0
x_tables              13056  13 iptable_nat,xt_state,ip_tables,ipt_LOG,ipt_TOS,xt_length,ipt
 _ttl,xt_tcpmss,ipt_TCPMSS,ipt_multiport,xt_limit,ipt_tos,ipt _REJECT
```

2. cat /etc/sysconfig/vz

```
=====
[root@localhost ~]# cat /etc/sysconfig/vz
## Global parameters
VIRTUOZZO=yes
LOCKDIR=/vz/lock
DUMPDIR=/vz/dump
VE0CPUUNITS=1000

## Logging parameters
LOGGING=yes
LOGFILE=/var/log/vzctl.log
LOG_LEVEL=0

## Disk quota parameters
DISK_QUOTA=yes
VZFASTBOOT=no

# The name of the device whose ip address will be used as source ip for VE.
# By default automatically assigned.
```

```

#VE_ROUTE_SRC_DEV="eth0"

## Template parameters
TEMPLATE=/vz/template

## Defaults for VEs
VE_ROOT=/vz/root/$VEID
VE_PRIVATE=/vz/private/$VEID
CONFIGFILE="vps.basic"
DEF_OSTEMPLATE="fedora-core-4"

## Load vzwdog module
VZWDOG="no"

IPTABLES="ipt_REJECT ipt_tos ipt_TOS ipt_LOG ip_conntrack ipt_limit ipt_multiport
iptable_filter iptable_mangle ipt_TCPMSS ipt_tcpmss ipt_ttl ipt_length ipt_state iptable_nat
ip_nat_ftp"

3. cat /etc/sysconfig/vz-scripts/101.conf
=====
[root@localhost ~]# cat /etc/sysconfig/vz-scripts/101.conf
# Copyright (C) 2000-2006 SWsoft. All rights reserved.

ONBOOT="yes"

# UBC parameters (in form of barrier:limit)
# Primary parameters
AVNUMPROC="40:40"
NUMPROC="65:65"
NUMTCPSOCK="80:80"
NUMOTHERSOCK="80:80"
VMGUARPAGES="6144:2147483647"
# Secondary parameters
KMEMSIZE="2752512:2936012"
TCPSNDBUF="319488:524288"
TCPRCVBUF="319488:524288"
OTHERSOCKBUF="132096:336896"
DGRAMRCVBUF="132096:132096"
OOMGUARPAGES="6144:2147483647"
# Auxiliary parameters
LOCKEDPAGES="32:32"
SHMPAGES="8192:8192"
PRIVVMPAGES="49152:53575"
NUMFILE="2048:2048"
NUMFLOCK="100:110"
NUMPTY="16:16"
NUMSIGINFO="256:256"
DCACHESIZE="1048576:1097728"

```

```
PHYS PAGES="0:2147483647"
NUMIPTENT="4096:4096"

# Disk quota parameters (in form of softlimit:hardlimit)
DISKSPACE="1048576:1153434"
DISKINODES="200000:220000"
QUOTATIME="0"

# CPU fair scheduler parameter
CPUUNITS="1000"
VE_ROOT="/vz/root/$VEID"
VE_PRIVATE="/vz/private/$VEID"
OSTEMPLATE="centos-4-i386-default"
ORIGIN_SAMPLE="vps.basic"
NAMESERVER="192.168.1.1"
IP_ADDRESS="192.168.1.80"
```

4. modprobe

=====

I did a modprobe for all modules, without any error.

I look forward to some hints to solve my problem.

Thanks in advance.

Frans