
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. Ismod before the VPS starts

=====

```
[root@localhost ~]# lsmod | grep ipt
```

```
iptables_nat 7940 0
```

```
ip_nat 13780 3 vzrst,ip_nat_ftp,iptables_nat
```

```
iptables_mangle 3680 0
```

```
iptables_filter 3200 0
```

```
ip_conntrack 47688 6 vzrst,vzcpt,ip_nat_ftp,iptables_nat,ip_nat,xt_state
```

```
ip_tables 12184 3 iptable_nat,iptables_mangle,iptables_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
```

```
DUMPPDIR=/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  
VZWD OG="no"
```

```
IPTABLES="ipt_REJECT ipt_tos ipt_TOS ipt_LOG ip_conntrack ipt_limit ipt_multiport  
iptables_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"
```

```
PHYSPAGES="0:2147483647"  
NUMIPTENT="4096:4096"
```

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

```
# CPU fair sheduler 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