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 vzrst,ip_nat_ftp,iptable_nat
iptable_mangle   3680 0
iptable_filter   3200 0
ip_conntrack   47688 6 vzrst,vzcpt,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
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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