Subject: iptables
Posted by rsaylor on Mon, 09 Jan 2006 19:00:27 GMT
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iptables appears not to be working on my VPS or I might have the config incorrect.

Config:

vzctl set SID --iptables iptable_filter --iptables ipt_length --iptables ipt_limit --iptables iptable_mangle --iptables ipt_REJECT --save

However, I get the following error reports:

iptables v1.2.11: can't initialize iptables table `filter': iptables who? (do you need to insmod?)
Perhaps iptables or your kernel needs to be upgraded.

Subject: Re: iptables
Posted by devnu11 on Mon, 09 Jan 2006 19:02:34 GMT
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What distro?

Subject: Re: iptables
Posted by rsaylor on Mon, 09 Jan 2006 19:12:34 GMT
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Hi, I am using CentOS 4.2 for the main server and CentOS 4 for the VPS

Subject: Re: iptables
Posted by dim on Tue, 10 Jan 2006 09:59:23 GMT
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Probably you haven't loaded required modules on hardware node before VPS start.

Subject: Re: iptables
Posted by Valmont on Sat, 14 Jan 2006 23:35:03 GMT
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Hi!

On trustix 3.0 I can't build module ULOG in netfilter with openvz kernel 2.6.8-022stab061-up (In past I cannot make it with other openvz kernel)

I get this:

```
root@server /usr/src/linux-vz# make modules CC="gcc -fno-stack-protector"
make[1]: `arch/i386/kernel/asm-offsets.s' is up to date.
  CC [M]  net/ipv4/netfilter/ipt_ULOG.o
net/ipv4/netfilter/ipt_ULOG.c:133:2: #error timer context should be evaluated
make[3]: *** [net/ipv4/netfilter/ipt_ULOG.o] Error 1
make[2]: *** [net/ipv4/netfilter] Error 2
make[1]: *** [net/ipv4] Error 2
make: *** [net] Error 2
```

information should I provide? May I post here my .config?

Thank you.

Subject: Re: iptables
Posted by dim on Mon, 16 Jan 2006 12:34:18 GMT
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Just remove this string (ipt_ULOG.c:133). This error is obsoleted and should be removed.

Subject: Re: iptables
Posted by Valmont on Mon, 16 Jan 2006 17:57:40 GMT
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Thanks, all ok .

Subject: Re: iptables
Posted by eugeniopacheco on Wed, 29 Mar 2006 21:33:16 GMT
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I'm getting the same problem running the host on fedora core 4 and the vps on debian3.1 minimal...

```
painel:~# iptables -I INPUT -p tcp --dport 80
iptables v1.2.11: can't initialize iptables table `filter': iptables who? (do you need to insmod?)
```

Perhaps iptables or your kernel needs to be upgraded.
painel:~#

Anyway to fix that? Here is my /etc/sysctl.conf (not a linux expert, so I don't really know what sysctl.conf means, maybe the error is there, never know...):

```
# Kernel sysctl configuration file for Red Hat Linux
#
# For binary values, 0 is disabled, 1 is enabled.  See sysctl( and
# sysctl.conf(5) for more details.

# Controls IP packet forwarding
net.ipv4.ip_forward = 1
net.ipv4.conf.default.proxy_arp = 0
# Controls source route verification
net.ipv4.conf.default.rp_filter = 1
net.ipv4.conf.all.rp_filter = 1
# Do not accept source routing
net.ipv4.conf.default.accept_source_route = 0

# Controls the System Request debugging functionality of the kernel
kernel.sysrq = 1
net.ipv4.conf.default.send_redirects = 1
net.ipv4.conf.all.send_redirects = 0

# Controls whether core dumps will append the PID to the core filename.
# Useful for debugging multi-threaded applications.
kernel.core_uses_pid = 1

# Controls the use of TCP syncookies
net.ipv4.tcp_syncookies = 1
```

Regards,

Eugenio Pacheco

Subject: Re: iptables
Posted by dim on Thu, 30 Mar 2006 10:34:49 GMT
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In order to determine what's wrong, I need outputs of the following commands:
1) lsmod before VPS start
2) cat /etc/sysconfig/vz
3) cat /etc/sysconfig/vz-scripts/<VPSID>.conf

Most probably, you have not loaded necessary modules before VPS start.

Subject: Re: iptables
Posted by eugeniopacheco on Thu, 30 Mar 2006 17:22:42 GMT
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Here is all the information you asked, can you please help me?

```
[root@t248 ~]# service vz stop
Stopping OpenVZ:                                           [  OK  ]
[root@t248 ~]# lsmod
Module                  Size  Used by
sch_ingress             2852  1
cls_u32                 6308  3
sch_sfq                 4480  2
sch_htb                 22144  1
simfs                   3612  0
vzdquota                38576  0 [permanent]
vzdev                   1792  1 vzdquota
thermal                 10096  0
processor               10244  1 thermal
fan                     2668  0
button                  4408  0
battery                 7052  0
asus_acpi               8920  0
ac                      3084  0
8139too                 20160  0
e100                    31552  0
mii                     3808  2 8139too,e100
usbcore                 100356  1
[root@t248 ~]# service vz start
Starting OpenVZ:                                           [  OK  ]
lBringing up interface venet0:                             [  OK  ]
Configuring interface venet0: net.ipv4.conf.venet0.send_redirects = 0
                                                           [  OK  ]
Starting VPS 101: smod
                                                           [  OK  ]
[root@t248 ~]# lsmod
Module                  Size  Used by
vznetdev                12480  2
vzmon                   41664  2 vznetdev
af_packet               16360  0
ipt_length              1504  1
ipt_ttl                 1632  1
ipt_tcpmss              1920  1
ipt_TCPMSS              3648  1
iptable_mangle          4256  1
iptable_filter          4096  1
ipt_multiport           1760  1
ipt_limit               1952  1
ipt_tos                 1408  1
```

```
ipt_REJECT              5568  1
ip_tables              20848  10  ipt_length,ipt_ttl,ipt_tcpmss,ipt_TCPMSS,iptable_mangle,ipta
ble_filter,ipt_multiport,ipt_limit,ipt_tos,ipt_REJECT
sch_ingress             2852  1
cls_u32                 6308  3
sch_sfq                 4480  2
sch_htb                22144  1
simfs                   3612  1
vzdquota               38576  1 [permanent]
vzdev                   1792  3 vznetdev,vzmon,vzdquota
thermal                10096  0
processor              10244  1 thermal
fan                     2668  0
button                  4408  0
battery                 7052  0
asus_acpi               8920  0
ac                      3084  0
8139too                20160  0
e100                   31552  0
mii                     3808  2 8139too,e100
usbcore               100356  1

[root@t248 ~]# vzctl stop 101
Stopping VPS ...
VPS was stopped
VPS is unmounted
[root@t248 ~]# lsmod
Module                  Size  Used by
vznetdev                12480  3
vzmon                   41664  2 vznetdev
af_packet               16360  0
ipt_length              1504  1
ipt_ttl                 1632  1
ipt_tcpmss              1920  1
ipt_TCPMSS              3648  1
iptable_mangle          4256  1
iptable_filter          4096  1
ipt_multiport           1760  1
ipt_limit               1952  1
ipt_tos                 1408  1
ipt_REJECT              5568  1
ip_tables              20848  10  ipt_length,ipt_ttl,ipt_tcpmss,ipt_TCPMSS,iptable_mangle,ipta
ble_filter,ipt_multiport,ipt_limit,ipt_tos,ipt_REJECT
sch_ingress             2852  1
cls_u32                 6308  3
sch_sfq                 4480  2
sch_htb                22144  1
simfs                   3612  1
```

```
vzdquota               38576  1 [permanent]
vzdev                  1792  3 vznetdev,vzmon,vzdquota
thermal                10096  0
processor              10244  1 thermal
fan                    2668  0
button                 4408  0
battery                7052  0
asus_acpi              8920  0
ac                     3084  0
8139too                20160  0
e100                   31552  0
mii                    3808  2 8139too,e100
usbcore                100356  1
[root@t248 ~]#

[root@t248 ~]# vzctl start 101
Starting VPS ...
VPS is mounted
Setting CPU units: 13738
File resolv.conf was modified
VPS start in progress...
[root@t248 ~]# lsmod
Module                 Size  Used by
vznetdev               12480  5
vzmon                  41664  3 vznetdev
af_packet              16360  0
ipt_length             1504  2
ipt_ttl                1632  2
ipt_tcpmss             1920  2
ipt_TCPMSS             3648  2
iptable_mangle         4256  2
iptable_filter         4096  2
ipt_multiport          1760  2
ipt_limit              1952  2
ipt_tos                1408  2
ipt_REJECT             5568  2
ip_tables              20848  10  ipt_length,ipt_ttl,ipt_tcpmss,ipt_TCPMSS,iptable_mangle,ipta
ble_filter,ipt_multiport,ipt_limit,ipt_tos,ipt_REJECT
sch_ingress            2852  1
cls_u32                6308  3
sch_sfq                4480  2
sch_htb                22144  1
simfs                  3612  2
vzdquota               38576  2 [permanent]
vzdev                  1792  3 vznetdev,vzmon,vzdquota
thermal                10096  0
processor              10244  1 thermal
fan                    2668  0
```

```
button                  4408  0
battery                 7052  0
asus_acpi               8920  0
ac                      3084  0
8139too                 20160  0
e100                    31552  0
mii                     3808  2 8139too,e100
usbcore                 100356  1

[root@t248 ~]# cat /etc/sysconfig/vz
## Global parameters
VIRTUOZZO=yes
LOCKDIR=/vz/lock
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_limit ipt_multiport iptable_filter iptable_mangle ipt_TCPMSS
ipt_tcpmss ipt_ttl ipt_length"

[root@t248 ~]#
[root@t248 ~]# cat /etc/sysconfig/vz-scripts/101.conf
# This is an example configuration file for so-called "vps.basic" VPS.
# Copyright (C) 2000-2005 SWsoft. All rights reserved.
#
```

```
# This file may be distributed under the terms of the Q Public License
# as defined by Trolltech AS of Norway and appearing in the file
# LICENSE.QPL included in the packaging of this file.
#
# This file is provided AS IS with NO WARRANTY OF ANY KIND, INCLUDING THE
# WARRANTY OF DESIGN, MERCHANTABILITY AND FITNESS FOR A PARTICULAR
PURPOSE.

ONBOOT="yes"

# UBC parameters (in form of barrier:limit)
# Primary parameters
AVNUMPROC="209:209"
NUMPROC="800:800"
NUMTCPSOCK="800:800"
NUMOTHERSOCK="800:800"
VMGUARPAGES="15977:2147483647"
# Secondary parameters
KMEMSIZE="5141514:8855665"
TCPSNDBUF="2437038:5713838"
TCPRCVBUF="2437038:5713838"
OTHERSOCKBUF="1218519:4495319"
DGRAMRCVBUF="1218519:1218519"
OOMGUARPAGES="15977:2147483647"
# Auxiliary parameters
LOCKEDPAGES="836:836"
SHMPAGES="9586:9586"
PRIVVMPAGES="80862:85448"
NUMFILE="6688:6688"
NUMFLOCK="668:734"
NUMPTY="80:80"
NUMSIGINFO="1024:1024"
DCACHESIZE="3740085:3852288"

PHYSPAGES="0:2147483647"
NUMIPTENT="200:200"

# Disk quota parameters (in form of softlimit:hardlimit)
DISKSPACE="20971520:22971520"
DISKINODES="2880189:2968209"
QUOTATIME="0"

# CPU fair sheduler parameter
CPUUNITS="13738"
VE_ROOT="/vz/root/$VEID"
VE_PRIVATE="/vz/private/$VEID"
OSTEMPLATE="debian-3.1-i386-minimal"
ORIGIN_SAMPLE="vps.10"
```

Subject: Re: iptables
Posted by eugeniopacheco on Thu, 30 Mar 2006 17:52:43 GMT
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Hi,

After I did these things in order to get these informations (restart vz service and the VPS), now iptables is working in the VPS... Interesting:)

Thanks for your help..

Eugenio Pacheco