
Subject: IPTables Error

Posted by [Dediwebspace](#) on Mon, 01 Oct 2007 18:44:02 GMT

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Hi

I have recently configured my nodes IPTables but its now throwing out the following error when i try to start a ve's firewall: iptables: Unknown error 4294967295

I have followed the instructions here http://kb.swsoft.com/article_130_875_en.html

Node software: CentOS and HyperVM/OpenVZ

How do I solve this

Regards,

Subject: Re: IPTables Error

Posted by [Mr.Ash](#) on Tue, 02 Oct 2007 04:58:27 GMT

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type these in the main node command line and tell me what would happen or how did it go
cat /etc/sysconfig/iptables-config

cat /etc/sysconfig/vz

Subject: Re: IPTables Error

Posted by [jmeyerdo](#) on Sat, 13 Oct 2007 22:10:02 GMT

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Hi!

I noticed the same error with an OpenVZ-host today:

```
[root@vserver104 ~]# /sbin/iptables -I INPUT -p tcp --dport 80
iptables: Unknown error 4294967295
```

The requested information in the post before is:

```
[root@bob jm]# cat /etc/sysconfig/iptables-config
# Load additional iptables modules (nat helpers)
```

```

# Default: -none-
# Space separated list of nat helpers (e.g. 'ip_nat_ftp ip_nat_irc'), which
# are loaded after the firewall rules are applied. Options for the helpers are
# stored in /etc/modprobe.conf.
IPTABLES_MODULES=""

# Unload modules on restart and stop
# Value: yes|no, default: yes
# This option has to be 'yes' to get to a sane state for a firewall
# restart or stop. Only set to 'no' if there are problems unloading netfilter
# modules.
IPTABLES_MODULES_UNLOAD="yes"

# Save current firewall rules on stop.
# Value: yes|no, default: no
# Saves all firewall rules to /etc/sysconfig/iptables if firewall gets stopped
# (e.g. on system shutdown).
IPTABLES_SAVE_ON_STOP="no"

# Save current firewall rules on restart.
# Value: yes|no, default: no
# Saves all firewall rules to /etc/sysconfig/iptables if firewall gets
# restarted.
IPTABLES_SAVE_ON_RESTART="no"

# Save (and restore) rule and chain counter.
# Value: yes|no, default: no
# Save counters for rules and chains to /etc/sysconfig/iptables if
# 'service iptables save' is called or on stop or restart if SAVE_ON_STOP or
# SAVE_ON_RESTART is enabled.
IPTABLES_SAVE_COUNTER="no"

# Numeric status output
# Value: yes|no, default: yes
# Print IP addresses and port numbers in numeric format in the status output.
IPTABLES_STATUS_NUMERIC="yes"

[root@bob jm]# 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

VZWDOG="no"

IPTABLES="ipt_REJECT ipt_tos ipt_limit ipt_multiport iptable_filter iptable_mangle ipt_TCPMSS
ipt_tcpmss ipt_ttl ipt_length"

Any help/hints/further debugging-tips would be greatly appreciated...

Kind regards! Jens

Subject: Re: IPTables Error

Posted by [Dediwebospace](#) on Sun, 14 Oct 2007 07:59:38 GMT

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Follow the guide at SWSOft then the thing I didnt do was restart OpenVZ

So to fix:

1. Follow SWSOft Guide
2. Issue the command: service hypervm restart
3. Issue the command: service openvz restart

Then reboot the node and problems solved.

I forgot to restart openvz

Subject: Re: IPTables Error

Posted by [jmeyerdo](#) on Mon, 15 Oct 2007 08:37:09 GMT

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Hi!

Thank you for your help.

I followed the instructions now in detail (added IPTABLES="..." to both files). I restarted the ve and the hardware-node after that - without success. (You can see "the rest" of my config-files in my last post - only IPTABES was adapted.)

"iptables" was started on the hardware-node - but without any chain.

Is an actual kernel necessary to solve this problem? Actually "2.6.16-026test018.1-smp" is used on hardware-node.

Kind regards, Jens

Subject: Re: IPTables Error

Posted by [Dediwebspace](#) on Mon, 15 Oct 2007 15:30:33 GMT

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Im not sure, I just followed what my DC told me to do. This was for an openvz/hypervm setup

Subject: Re: IPTables Error

Posted by [jmeyerdo](#) on Mon, 15 Oct 2007 17:18:27 GMT

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Hi!

We are not using HyperVM but I would suggest that the problem is independent from this component?!

I followed the iptables-instructions in detail. Perhaps it depends on the older kernel?

Kind regards, Jens

Subject: Re: IPTables Error

Posted by [Dediwebspace](#) on Mon, 15 Oct 2007 17:26:19 GMT

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Im no tech expert so I really cant offer much help

Sorry

Subject: Re: IPTables Error

Posted by [vaverin](#) on Wed, 17 Oct 2007 13:14:59 GMT

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jmeyerdo wrote on Sun, 14 October 2007 02:10Hi!

I noticed the same error with an OpenVZ-host today:

```
[root@vserver104 ~]# /sbin/iptables -I INPUT -p tcp --dport 80
```

```
iptables: Unknown error 4294967295
```

4294967295 = 0xffffffff = -1

Are you sure that you haven't any failcounters in /proc/user_beancounters file?

Then could you please strace this command and attach the logs?

Also it would be useful to look at lsmmod output on your node.

thank you,
Vasily Averin

Subject: Re: IPTables Error

Posted by [jmeyerdo](#) on Wed, 17 Oct 2007 13:33:04 GMT

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Hi!

Thank you for your reply.

Yes - there are no failcounters in /proc/user_beancounters on the virtual machine.

Find attached the strace-debug-output of the "iptables"-command and the lsmmod-output from the hardware-node (hopefully done correctly?).

Kind regards, Jens

File Attachments

1) [strace_iptables.txt](#), downloaded 312 times

2) [lsmmod_hardwarenode.txt](#), downloaded 295 times

Subject: Re: IPTables Error

Posted by [vaverin](#) on Thu, 18 Oct 2007 12:10:30 GMT

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Could you update the kernel on your node? 2.6.16-026test018.1-smp is really too old.
