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
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_limit ipt_multiport iptable_filter iptable_mangle ipt_TCPMSS
ipt_tcpmss ipt_ttl ipt_length"
```

Any help/hints/further debugging-tipps would be greatly appreciated...
Kind regards! Jens

Subject: Re: IPTables Error
Posted by Dediwebspace 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 usefulto look at lsmod 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 lsmod-output from the hardware-node (hopefully done correctly?).

Kind regards, Jens

File Attachments
1) strace_iptables.txt, downloaded 482 times
2) lsmod_hardwarenode.txt, downloaded 464 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.