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Subject: Iptables port opening error CentOS  
Posted by [whatever](#) on Tue, 03 Oct 2006 05:53:24 GMT  
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Hello,  
I am using CentOS as my VPS OS. After installation of CentOS the IPtables are on by default.  
how can we just allow port 22 to open in iptables  
I modify the iptables rules and when I restarted the VPS it get error

Perhaps iptables or your kernel needs to be upgraded.  
Warning: wierd character in interface `venet0:0' (No aliases, :, ! or \*).  
iptables v1.2.11: can't initialize iptables table `filter': Table does not exist (do you need to insmod?)  
Perhaps iptables or your kernel needs to be upgraded.  
iptables v1.2.11: can't initialize iptables table `filter': Table does not exist (do you need to insmod?)

-----  
I tried apf firewall too but there also I get error

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

Please suggest.  
Thanks

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Subject: Re: Iptables port opening error CentOS  
Posted by [dim](#) on Tue, 03 Oct 2006 07:30:39 GMT  
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Please, provide:  
1) iptables rules, which you are trying to insert to kernel  
2) /etc/vz/vz.conf  
3) /etc/vz/conf/<VPS\_ID>.conf  
4) Ismod before VPS start

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Subject: Re: Iptables port opening error CentOS  
Posted by [whatever](#) on Tue, 03 Oct 2006 07:54:49 GMT  
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hello,  
Below are the out of commands you asked for. I can't get how to 4) Ismod before VPS start  
Thanks.

## Iptables

```
#!/bin/sh
#
#####
#####
#
# Local Settings
#

# sysctl location. If set, it will use sysctl to adjust the kernel parameters.
# If this is set to the empty string (or is unset), the use of sysctl
# is disabled.

SYSCTL="/sbin/sysctl -w"

# To echo the value directly to the /proc file instead
# SYSCTL=""

# IPTables Location - adjust if needed

IPT="/sbin/iptables"
IPTS="/sbin/iptables-save"
IPTR="/sbin/iptables-restore"

# Internet Interface
INET_IFACE="venet0"
INET_ADDRESS="x.x.x.x"

# Localhost Interface

LO_IFACE="lo"
LO_IP="127.0.0.1"

# Save and Restore arguments handled here
if [ "$1" = "save" ]
then
echo -n "Saving firewall to /etc/sysconfig/iptables ... "
$IPTS > /etc/sysconfig/iptables
echo "done"
exit 0
```

```

elif [ "$1" = "restore" ]
then
echo -n "Restoring firewall from /etc/sysconfig/iptables ..."
$IPTTR < /etc/sysconfig/iptables
echo "done"
exit 0
fi

#####
#####
#
# Load Modules
#

echo "Loading kernel modules ..."

# You should uncomment the line below and run it the first time just to
# ensure all kernel module dependencies are OK. There is no need to run
# every time, however.

# /sbin/depmod -a

# Unless you have kernel module auto-loading disabled, you should not
# need to manually load each of these modules. Other than ip_tables,
# ip_conntrack, and some of the optional modules, I've left these
# commented by default. Uncomment if you have any problems or if
# you have disabled module autoload. Note that some modules must
# be loaded by another kernel module.

# core netfilter module
/sbin/modprobe ip_tables

# the stateful connection tracking module
/sbin/modprobe ip_conntrack

# filter table module
# /sbin/modprobe iptable_filter

# mangle table module
# /sbin/modprobe iptable_mangle

# nat table module
# /sbin/modprobe iptable_nat

# LOG target module
# /sbin/modprobe ipt_LOG

# This is used to limit the number of packets per sec/min/hr

```

```

# /sbin/modprobe ipt_limit

# masquerade target module
# /sbin/modprobe ipt_MASQUERADE

# filter using owner as part of the match
# /sbin/modprobe ipt_owner

# REJECT target drops the packet and returns an ICMP response.
# The response is configurable. By default, connection refused.
# /sbin/modprobe ipt_REJECT

# This target allows packets to be marked in the mangle table
# /sbin/modprobe ipt_mark

# This target affects the TCP MSS
# /sbin/modprobe ipt_tcpmss

# This match allows multiple ports instead of a single port or range
# /sbin/modprobe multiport

# This match checks against the TCP flags
# /sbin/modprobe ipt_state

# This match catches packets with invalid flags
# /sbin/modprobe ipt_unclean

# The ftp nat module is required for non-PASV ftp support
/sbin/modprobe ip_nat_ftp

# the module for full ftp connection tracking
/sbin/modprobe ip_conntrack_ftp

# the module for full irc connection tracking
/sbin/modprobe ip_conntrack_irc

#####
#####
#
# Kernel Parameter Configuration
#
# See http://ipsysctl-tutorial.frozentux.net/chunkyhtml/index.html
# for a detailed tutorial on sysctl and the various settings
# available.

# Required to enable IPv4 forwarding.
# Redhat users can try setting FORWARD_IPV4 in /etc/sysconfig/network to true

```

```

# Alternatively, it can be set in /etc/sysctl.conf
#if [ "$SYSCTL" = "" ]
#then
#   echo "1" > /proc/sys/net/ipv4/ip_forward
#else
#   $SYSCTL net.ipv4.ip_forward="1"
#fi

# This enables dynamic address hacking.
# This may help if you have a dynamic IP address \ (e.g. slip, ppp, dhcp\).
#if [ "$SYSCTL" = "" ]
#then
#   echo "1" > /proc/sys/net/ipv4/ip_dynaddr
#else
#   $SYSCTL net.ipv4.ip_dynaddr="1"
#fi

# This enables SYN flood protection.
# The SYN cookies activation allows your system to accept an unlimited
# number of TCP connections while still trying to give reasonable
# service during a denial of service attack.
if [ "$SYSCTL" = "" ]
then
    echo "1" > /proc/sys/net/ipv4/tcp_syncookies
else
    $SYSCTL net.ipv4.tcp_syncookies="1"
fi

# This enables source validation by reversed path according to RFC1812.
# In other words, did the response packet originate from the same interface
# through which the source packet was sent? It's recommended for single-homed
# systems and routers on stub networks. Since those are the configurations
# this firewall is designed to support, I turn it on by default.
# Turn it off if you use multiple NICs connected to the same network.
if [ "$SYSCTL" = "" ]
then
    echo "1" > /proc/sys/net/ipv4/conf/all/rp_filter
else
    $SYSCTL net.ipv4.conf.all.rp_filter="1"
fi

# This option allows a subnet to be firewalled with a single IP address.
# It's used to build a DMZ. Since that's not a focus of this firewall
# script, it's not enabled by default, but is included for reference.
# See: http://www.sjdjweis.com/linux/proxyarp/
#if [ "$SYSCTL" = "" ]
#then
#   echo "1" > /proc/sys/net/ipv4/conf/all/proxy_arp

```

```

#else
# $SYSCTL net.ipv4.conf.all.proxy_arp="1"
#fi

# The following kernel settings were suggested by Alex Weeks. Thanks!

# This kernel parameter instructs the kernel to ignore all ICMP
# echo requests sent to the broadcast address. This prevents
# a number of smurfs and similar DoS nasty attacks.
if [ "$SYSCTL" = "" ]
then
    echo "1" > /proc/sys/net/ipv4/icmp_echo_ignore_broadcasts
else
    $SYSCTL net.ipv4.icmp_echo_ignore_broadcasts="1"
fi

# This option can be used to accept or refuse source routed
# packets. It is usually on by default, but is generally
# considered a security risk. This option turns it off.
if [ "$SYSCTL" = "" ]
then
    echo "0" > /proc/sys/net/ipv4/conf/all/accept_source_route
else
    $SYSCTL net.ipv4.conf.all.accept_source_route="0"
fi

# This option can disable ICMP redirects. ICMP redirects
# are generally considered a security risk and shouldn't be
# needed by most systems using this generator.
#if [ "$SYSCTL" = "" ]
#then
#    echo "0" > /proc/sys/net/ipv4/conf/all/accept_redirects
#else
#    $SYSCTL net.ipv4.conf.all.accept_redirects="0"
#fi

# However, we'll ensure the secure_redirects option is on instead.
# This option accepts only from gateways in the default gateways list.
if [ "$SYSCTL" = "" ]
then
    echo "1" > /proc/sys/net/ipv4/conf/all/secure_redirects
else
    $SYSCTL net.ipv4.conf.all.secure_redirects="1"
fi

# This option logs packets from impossible addresses.
if [ "$SYSCTL" = "" ]
then

```

```
    echo "1" > /proc/sys/net/ipv4/conf/all/log_martians
else
    $SYSCTL net.ipv4.conf.all.log_martians="1"
fi
```

```
#####
#####
#
# Flush Any Existing Rules or Chains
#
```

```
echo "Flushing Tables ..."
```

```
# Reset Default Policies
$IPT -P INPUT ACCEPT
$IPT -P FORWARD ACCEPT
$IPT -P OUTPUT ACCEPT
$IPT -t nat -P PREROUTING ACCEPT
$IPT -t nat -P POSTROUTING ACCEPT
$IPT -t nat -P OUTPUT ACCEPT
$IPT -t mangle -P PREROUTING ACCEPT
$IPT -t mangle -P OUTPUT ACCEPT
```

```
# Flush all rules
$IPT -F
$IPT -t nat -F
$IPT -t mangle -F
```

```
# Erase all non-default chains
$IPT -X
$IPT -t nat -X
$IPT -t mangle -X
```

```
if [ "$1" = "stop" ]
then
    echo "Firewall completely flushed! Now running with no firewall."
    exit 0
fi
```

```
#####
#####
#
# Rules Configuration
#
```

```
#####
#####
```

```

#
# Filter Table
#
#####
#####

# Set Policies

$IPT -P INPUT DROP
$IPT -P OUTPUT DROP
$IPT -P FORWARD DROP

#####
#####
#
# User-Specified Chains
#
# Create user chains to reduce the number of rules each packet
# must traverse.

echo "Create and populate custom rule chains ..."

# Create a chain to filter INVALID packets

$IPT -N bad_packets

# Create another chain to filter bad tcp packets

$IPT -N bad_tcp_packets

# Create separate chains for icmp, tcp (incoming and outgoing),
# and incoming udp packets.

$IPT -N icmp_packets

# Used for UDP packets inbound from the Internet
$IPT -N udp_inbound

# Used to block outbound UDP services from internal network
# Default to allow all
$IPT -N udp_outbound

# Used to allow inbound services if desired
# Default fail except for established sessions
$IPT -N tcp_inbound

# Used to block outbound services from internal network
# Default to allow all

```

```

$IPT -N tcp_outbound

#####
#####
#
# Populate User Chains
#

# bad_packets chain
#

# Drop INVALID packets immediately
$IPT -A bad_packets -p ALL -m state --state INVALID -j LOG \
    --log-prefix "Invalid packet: "

$IPT -A bad_packets -p ALL -m state --state INVALID -j DROP

# Then check the tcp packets for additional problems
$IPT -A bad_packets -p tcp -j bad_tcp_packets

# All good, so return
$IPT -A bad_packets -p ALL -j RETURN

# bad_tcp_packets chain
#
# All tcp packets will traverse this chain.
# Every new connection attempt should begin with
# a syn packet. If it doesn't, it is likely a
# port scan. This drops packets in state
# NEW that are not flagged as syn packets.

$IPT -A bad_tcp_packets -p tcp ! --syn -m state --state NEW -j LOG \
    --log-prefix "New not syn: "
$IPT -A bad_tcp_packets -p tcp ! --syn -m state --state NEW -j DROP

$IPT -A bad_tcp_packets -p tcp --tcp-flags ALL NONE -j LOG \
    --log-prefix "Stealth scan: "
$IPT -A bad_tcp_packets -p tcp --tcp-flags ALL NONE -j DROP

$IPT -A bad_tcp_packets -p tcp --tcp-flags ALL ALL -j LOG \
    --log-prefix "Stealth scan: "
$IPT -A bad_tcp_packets -p tcp --tcp-flags ALL ALL -j DROP

$IPT -A bad_tcp_packets -p tcp --tcp-flags ALL FIN,URG,PSH -j LOG \
    --log-prefix "Stealth scan: "
$IPT -A bad_tcp_packets -p tcp --tcp-flags ALL FIN,URG,PSH -j DROP

```

```

$IPT -A bad_tcp_packets -p tcp --tcp-flags ALL SYN,RST,ACK,FIN,URG -j LOG \
--log-prefix "Stealth scan: "
$IPT -A bad_tcp_packets -p tcp --tcp-flags ALL SYN,RST,ACK,FIN,URG -j DROP

$IPT -A bad_tcp_packets -p tcp --tcp-flags SYN,RST SYN,RST -j LOG \
--log-prefix "Stealth scan: "
$IPT -A bad_tcp_packets -p tcp --tcp-flags SYN,RST SYN,RST -j DROP

$IPT -A bad_tcp_packets -p tcp --tcp-flags SYN,FIN SYN,FIN -j LOG \
--log-prefix "Stealth scan: "
$IPT -A bad_tcp_packets -p tcp --tcp-flags SYN,FIN SYN,FIN -j DROP

# All good, so return
$IPT -A bad_tcp_packets -p tcp -j RETURN

# icmp_packets chain
#
# This chain is for inbound (from the Internet) icmp packets only.
# Type 8 (Echo Request) is not accepted by default
# Enable it if you want remote hosts to be able to reach you.
# 11 (Time Exceeded) is the only one accepted
# that would not already be covered by the established
# connection rule. Applied to INPUT on the external interface.
#
# See: http://www.ee.siue.edu/~rwalden/networking/icmp.html
# for more info on ICMP types.
#
# Note that the stateful settings allow replies to ICMP packets.
# These rules allow new packets of the specified types.

# ICMP packets should fit in a Layer 2 frame, thus they should
# never be fragmented. Fragmented ICMP packets are a typical sign
# of a denial of service attack.
$IPT -A icmp_packets --fragment -p ICMP -j LOG \
--log-prefix "ICMP Fragment: "
$IPT -A icmp_packets --fragment -p ICMP -j DROP

# Echo - uncomment to allow your system to be pinged.
# Uncomment the LOG command if you also want to log PING attempts
#
# $IPT -A icmp_packets -p ICMP -s 0/0 --icmp-type 8 -j LOG \
# --log-prefix "Ping detected: "
# $IPT -A icmp_packets -p ICMP -s 0/0 --icmp-type 8 -j ACCEPT

# By default, however, drop pings without logging. Blaster
# and other worms have infected systems blasting pings.
# Comment the line below if you want pings logged, but it
# will likely fill your logs.

```

```

$IPT -A icmp_packets -p ICMP -s 0/0 --icmp-type 8 -j DROP

# Time Exceeded
$IPT -A icmp_packets -p ICMP -s 0/0 --icmp-type 11 -j ACCEPT

# Not matched, so return so it will be logged
$IPT -A icmp_packets -p ICMP -j RETURN

# TCP & UDP
# Identify ports at:
#   http://www.chebucto.ns.ca/~rakerman/port-table.html
#   http://www.iana.org/assignments/port-numbers

# udp_inbound chain
#
# This chain describes the inbound UDP packets it will accept.
# It's applied to INPUT on the external or Internet interface.
# Note that the stateful settings allow replies.
# These rules are for new requests.
# It drops netbios packets (windows) immediately without logging.

# Drop netbios calls
# Please note that these rules do not really change the way the firewall
# treats netbios connections. Connections from the localhost and
# internal interface (if one exists) are accepted by default.
# Responses from the Internet to requests initiated by or through
# the firewall are also accepted by default. To get here, the
# packets would have to be part of a new request received by the
# Internet interface. You would have to manually add rules to
# accept these. I added these rules because some network connections,
# such as those via cable modems, tend to be filled with noise from
# unprotected Windows machines. These rules drop those packets
# quickly and without logging them. This prevents them from traversing
# the whole chain and keeps the log from getting cluttered with
# chatter from Windows systems.
$IPT -A udp_inbound -p UDP -s 0/0 --destination-port 137 -j DROP
$IPT -A udp_inbound -p UDP -s 0/0 --destination-port 138 -j DROP

# DNS Server
# Configure the server to use port 53 as the source port for requests
# Note, if you run a caching-only name server that only accepts queries
# from the private network or localhost, you can comment out this line.
$IPT -A udp_inbound -p UDP -s 0/0 --destination-port 53 -j ACCEPT

# If you don't query-source the server to port 53 and you have problems,
# uncomment this rule. It specifically allows responses to queries
# initiated to another server from a high UDP port. The stateful
# connection rules should handle this situation, though.

```

```

# $IPT -A udp_inbound -p UDP -s 0/0 --source-port 53 -j ACCEPT

# Not matched, so return for logging
$IPT -A udp_inbound -p UDP -j RETURN

# udp_outbound chain
#
# This chain is used with a private network to prevent forwarding for
# UDP requests on specific protocols. Applied to the FORWARD rule from
# the internal network. Ends with an ACCEPT

# No match, so ACCEPT
$IPT -A udp_outbound -p UDP -s 0/0 -j ACCEPT

# tcp_inbound chain
#
# This chain is used to allow inbound connections to the
# system/gateway. Use with care. It defaults to none.
# It's applied on INPUT from the external or Internet interface.

# DNS Server - Allow TCP connections (zone transfers and large requests)
# This is disabled by default. DNS Zone transfers occur via TCP.
# If you need to allow transfers over the net you need to uncomment this line.
# If you allow queries from the 'net, you also need to be aware that although
# DNS queries use UDP by default, a truncated UDP query can legally be
# submitted via TCP instead. You probably will never need it, but should
# be aware of the fact.
# $IPT -A tcp_inbound -p TCP -s 0/0 --destination-port 53 -j ACCEPT

# Web Server

# HTTP
$IPT -A tcp_inbound -p TCP -s 0/0 --destination-port 80 -j ACCEPT

# FTP Server (Control)
$IPT -A tcp_inbound -p TCP -s 0/0 --destination-port 21 -j ACCEPT

# FTP Client (Data Port for non-PASV transfers)
$IPT -A tcp_inbound -p TCP -s 0/0 --source-port 20 -j ACCEPT

# Passive FTP
#
# With passive FTP, the server provides a port to the client
# and allows the client to initiate the connection rather
# than initiating the connection with the client from the data port.
# Web browsers and clients operating behind a firewall generally

```

```

# use passive ftp transfers. A general purpose FTP server
# will need to support them.
#
# However, by default an FTP server will select a port from the entire
# range of high ports. It is not particularly safe to open all
# high ports. Fortunately, that range can be restricted. This
# firewall presumes that the range has been restricted to a specific
# selected range. That range must also be configured in the ftp server.
#
# Instructions for specifying the port range for the wu-ftpd server
# can be found here:
# http://www.wu-ftpd.org/man/ftpaccess.html
# (See the passive ports option.)
#
# Instructions for the ProFTPD server can be found here:
# http://proftpd.linux.co.uk/localsite/Userguide/linked/x861.html

# Sample Rule
# $IPT -A tcp_inbound -p TCP -s 0/0 --destination-port 62000:64000 -j ACCEPT

# Email Server (SMTP)
$IPT -A tcp_inbound -p TCP -s 0/0 --destination-port 25 -j ACCEPT

# Email Server (POP3)
$IPT -A tcp_inbound -p TCP -s 0/0 --destination-port 110 -j ACCEPT

# Email Server (IMAP4)
$IPT -A tcp_inbound -p TCP -s 0/0 --destination-port 143 -j ACCEPT

# sshd
$IPT -A tcp_inbound -p TCP -s 0/0 --destination-port 22 -j ACCEPT

# Not matched, so return so it will be logged
$IPT -A tcp_inbound -p TCP -j RETURN

# tcp_outbound chain
#
# This chain is used with a private network to prevent forwarding for
# requests on specific protocols. Applied to the FORWARD rule from
# the internal network. Ends with an ACCEPT

# No match, so ACCEPT
$IPT -A tcp_outbound -p TCP -s 0/0 -j ACCEPT

#####
#####

```

```

#
# INPUT Chain
#

echo "Process INPUT chain ..."

# Allow all on localhost interface
$IPT -A INPUT -p ALL -i $LO_IFACE -j ACCEPT

# Drop bad packets
$IPT -A INPUT -p ALL -j bad_packets

# DOCSIS compliant cable modems
# Some DOCSIS compliant cable modems send IGMP multicasts to find
# connected PCs. The multicast packets have the destination address
# 224.0.0.1. You can accept them. If you choose to do so,
# Uncomment the rule to ACCEPT them and comment the rule to DROP
# them The firewall will drop them here by default to avoid
# cluttering the log. The firewall will drop all multicasts
# to the entire subnet (224.0.0.1) by default. To only affect
# IGMP multicasts, change '-p ALL' to '-p 2'. Of course,
# if they aren't accepted elsewhere, it will only ensure that
# multicasts on other protocols are logged.
# Drop them without logging.
$IPT -A INPUT -p ALL -d 224.0.0.1 -j DROP
# The rule to accept the packets.
# $IPT -A INPUT -p ALL -d 224.0.0.1 -j ACCEPT

# Inbound Internet Packet Rules

# Accept Established Connections
$IPT -A INPUT -p ALL -i $INET_IFACE -m state --state ESTABLISHED,RELATED \
-j ACCEPT

# Route the rest to the appropriate user chain
$IPT -A INPUT -p TCP -i $INET_IFACE -j tcp_inbound
$IPT -A INPUT -p UDP -i $INET_IFACE -j udp_inbound
$IPT -A INPUT -p ICMP -i $INET_IFACE -j icmp_packets

# Drop without logging broadcasts that get this far.
# Cuts down on log clutter.
# Comment this line if testing new rules that impact
# broadcast protocols.
$IPT -A INPUT -m pkttype --pkt-type broadcast -j DROP

# Log packets that still don't match
$IPT -A INPUT -m limit --limit 3/minute --limit-burst 3 -j LOG \

```

```

--log-prefix "INPUT packet died: "

#####
#####
#
# FORWARD Chain
#

echo "Process FORWARD chain ..."

# Used if forwarding for a private network

#####
#####
#
# OUTPUT Chain
#

echo "Process OUTPUT chain ..."

# Generally trust the firewall on output

# However, invalid icmp packets need to be dropped
# to prevent a possible exploit.
$IPT -A OUTPUT -m state -p icmp --state INVALID -j DROP

# Localhost
$IPT -A OUTPUT -p ALL -s $LO_IP -j ACCEPT
$IPT -A OUTPUT -p ALL -o $LO_IFACE -j ACCEPT

# To internet
$IPT -A OUTPUT -p ALL -o $INET_IFACE -j ACCEPT

# Log packets that still don't match
$IPT -A OUTPUT -m limit --limit 3/minute --limit-burst 3 -j LOG \
    --log-prefix "OUTPUT packet died: "

#####
#####
#
# nat table
#
#####
#####

# The nat table is where network address translation occurs if there
# is a private network. If the gateway is connected to the Internet

```

```
# with a static IP, snat is used. If the gateway has a dynamic address,
# masquerade must be used instead. There is more overhead associated
# with masquerade, so snat is better when it can be used.
# The nat table has a builtin chain, PREROUTING, for dnat and redirects.
# Another, POSTROUTING, handles snat and masquerade.
```

```
echo "Load rules for nat table ..."
```

```
#####
#####
#
# PREROUTING chain
#
```

```
#####
#####
#
# POSTROUTING chain
#
```

```
#####
#####
#
# mangle table
#
#####
#####
```

```
# The mangle table is used to alter packets. It can alter or mangle them in
# several ways. For the purposes of this generator, we only use its ability
# to alter the TTL in packets. However, it can be used to set netfilter
# mark values on specific packets. Those marks could then be used in another
# table like filter, to limit activities associated with a specific host, for
# instance. The TOS target can be used to set the Type of Service field in
# the IP header. Note that the TTL target might not be included in the
# distribution on your system. If it is not and you require it, you will
# have to add it. That may require that you build from source.
```

```
echo "Load rules for mangle table ..."
```

```
-----
```

```
[root@v1 ~]# cat /etc/vz/vz.conf
## 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"
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
iptables_nat ip_nat_ftp

-----
cat /etc/vz/conf/100.conf

#
# This program is free software; you can redistribute it and/or modify
# it under the terms of the GNU General Public License as published by
# the Free Software Foundation; either version 2 of the License, or
# (at your option) any later version.
#

```

```
# This program is distributed in the hope that it will be useful,  
# but WITHOUT ANY WARRANTY; without even the implied warranty of  
# MERCHANTABILITY or FITNESS FOR A PARTICULAR PURPOSE. See the  
# GNU General Public License for more details.  
#  
# You should have received a copy of the GNU General Public License  
# along with this program; if not, write to the Free Software  
# Foundation, Inc., 59 Temple Place, Suite 330, Boston, MA 02111-1307 USA  
#
```

```
ONBOOT="yes"
```

```
# UBC parameters (in form of barrier:limit)  
# Primary parameters  
AVNUMPROC="40:40"  
NUMPROC="999999:999999"  
NUMTCPSOCK="999999:999999"  
NUMOTHERSOCK="999999:999999"  
VMGUARPAGES="128000:128000"  
# Secondary parameters  
KMEMSIZE="299997000:299997000"  
TCPSNDBUF="3494912:26214400"  
TCPRCVBUF="3494912:26214400"  
OTHERSOCKBUF="3494912:26214400"  
DGRAMRCVBUF="3494912:26214400"  
OOMGUARPAGES="6144:2147483647"  
# Auxiliary parameters  
LOCKEDPAGES="32:32"  
SHMPAGES="8192:8192"  
PRIVVMPAGES="255999744:255999744"  
NUMFILE="999999:999999"  
NUMFLOCK="999999:999999"  
NUMPTY="16:16"  
NUMSIGINFO="256:256"  
DCACHESIZE="1023989760:1023989760"
```

```
PHYSPAGES="0:2147483647"  
NUMIPTENT="400:400"
```

```
# Disk quota parameters (in form of softlimit:hardlimit)  
DISKSPACE="61440000:61440000"  
DISKINODES="6144000:6144000"  
QUOTATIME="0"
```

```
# CPU fair sheduler parameter  
CPUUNITS="1000"  
VE_ROOT="/vz/root/$VEID"  
VE_PRIVATE="/vz/private/$VEID"
```

OSTEMPLATE="centos-4-i386-afull"  
ORIGIN\_SAMPLE="vps.basic"  
CPULIMIT="100"  
IP\_ADDRESS="x.x.x.x"

---

---

Subject: Re: Iptables port opening error CentOS  
Posted by [dim](#) on Tue, 03 Oct 2006 11:44:35 GMT  
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Probably issue is due to that you have no closed " in IPTABLES definition in /etc/vz/vz.conf.

BTW, could you find exact iptables rules, which cause some of the above errors (it is too much rules in your config, I can't determine visually which could be the reasons)?

---

---

Subject: Re: Iptables port opening error CentOS  
Posted by [whatever](#) on Tue, 03 Oct 2006 12:01:23 GMT  
[View Forum Message](#) <> [Reply to Message](#)

---

IPTABLES definition in /etc/vz/vz.conf is closed with "  
Can you copy paste the firewall rule which only allow port 21,22,53,80,110 open only.  
Thanks.

---

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Subject: Re: Iptables port opening error CentOS  
Posted by [dim](#) on Tue, 03 Oct 2006 12:21:54 GMT  
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the best way is to run bash -x /etc/init.d/iptables restart inside VE and see, which rule cause error.

---