
Subject: IP-Tables Problem on vz-machine bei stateful inspection

Posted by [Erdbeergulasch](#) on Wed, 10 Mar 2010 22:44:16 GMT

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Hello,

I have a sh-script that contains this code:

```
echo "Initialize Firewall"
iptables -F
iptables -X
iptables -P INPUT DROP
iptables -P OUTPUT DROP
iptables -P FORWARD DROP
iptables -Z
```

#Stateful Inspection

```
iptables -A INPUT -m state --state ESTABLISHED,RELATED -j ACCEPT
```

but when i run this script, i get this error:

```
# /opt/firewall_script.sh
Initialize Firewall
iptables: Invalid argument
```

I dont't think, that i have forgotten any kernel-module to load (on my host machine):

```
# lsmod | grep nf
nf_nat_ftp          7296 0
nf_nat             22548 2 ipt_MASQUERADE,nf_nat_ftp
nf_conntrack_ftp   12728 1 nf_nat_ftp
nf_conntrack_ipv4  24352 2 nf_nat
nf_conntrack       82688 5 xt_state,nf_nat_ftp,nf_nat,nf_conntrack_ftp,nf_conntrack_ipv4
```

```
# lsmod | grep ipt
```

```
ipt_MASQUERADE     6528 0
ipt_LOG            10372 2
nf_nat             22548 2 ipt_MASQUERADE,nf_nat_ftp
ipt_ttl            6144 0
iptable_mangle     8704 0
iptable_filter     8320 1
ipt_REJECT         7552 0
ip_tables          21776 2 iptable_mangle,iptable_filter
x_tables           25736 13
xt_state,ipt_MASQUERADE,ipt_LOG,xt_tcpudp,xt_length,ipt_ttl,xt_tcpmss,xt_TCPMSS,xt_multip
ort,xt_limit,xt_dscp,ipt_REJECT,ip_tables
```

My Host is this Machine:

```
# uname -a
```

Linux Debian-50-lenny-64-minimal 2.6.26-2-openvz-amd64 #1 SMP Thu Feb 11 01:40:09 UTC 2010 x86_64 GNU/Linux

My Virtual-Image is this Machine:

uname -a

Linux xx.xx.net 2.6.26-2-openvz-amd64 #1 SMP Thu Feb 11 01:40:09 UTC 2010 x86_64 GNU/Linux

I don't know why there is any problem.

But maybe it is useful for you, that if i forget to load the module ipt_state, than i get this error.
iptables: No chain/target/match by that name

plz Help me.
thx

Subject: Re: IP-Tables Problem on vz-machine bei stateful inspection

Posted by [curx](#) on Wed, 17 Mar 2010 18:47:19 GMT

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kmod xt_state is loaded on your hdw-node, so plz paste:

```
$ vzctl exec <CTID> 'grep state /proc/net/ip_tables_matches'
```

Bye,
Thorsten

Subject: Re: IP-Tables Problem on vz-machine bei stateful inspection

Posted by [Paparaciz](#) on Mon, 22 Mar 2010 19:49:53 GMT

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Erdbeergulasch wrote on Thu, 11 March 2010 00:44

But maybe it is useful for you, that if i forget to load the module ipt_state, than i get this error.
iptables: No chain/target/match by that name

plz Help me.
thx

did you added ipt_state to vz.conf IPTABLES section?

Subject: Re: IP-Tables Problem on vz-machine bei stateful inspection

Posted by [Erdbeergulasch](#) on Mon, 22 Mar 2010 23:25:17 GMT

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Yes, I did.
