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Subject: need help using xt\_tcpudp and xt\_state modules within a VE

Posted by [Jimbo](#) on Wed, 20 Jan 2010 22:17:15 GMT

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Hi, I'm running kernel 2.6.18-164.2.1.el5.028stab066.10 x86\_64 and vzctl version 3.0.23 on RHEL 5.4. I would like to use iptables commands such as these within a VE:

```
iptables -A INPUT -m state --state INVALID -j DROP
```

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

```
iptables -A INPUT -p tcp --dport ssh -j ACCEPT
```

However, I receive this error when running any one of them:

```
iptables: Unknown error 18446744073709551615
```

I am not using any "vzctl --iptables" style restrictions on individual VEs. My /etc/vz/vz.conf has this line in it:

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

I've tried changing it to:

```
IPTABLES="ipt_REJECT ipt_REDIRECT ipt_tos ipt_limit ipt_multiport iptable_filter iptable_nat  
iptable_mangle ipt_TCPMSS ipt_tcpmss ipt_ttl ipt_length xt_tcpudp xt_state"
```

After a reboot the modules are correctly loaded into the kernel by openvz. However, when entering the VE, I get the following errors:

```
Warning: Unknown iptable module: xt_tcpudp, skipped
```

```
Warning: Unknown iptable module: xt_state, skipped
```

and get the same "Unknown error 18446744073709551615" when running the iptables commands.

How do I configure openvz to allow me to use the xt\_tcpudp and xt\_state modules within a VE?

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Subject: Re: need help using xt\_tcpudp and xt\_state modules within a VE

Posted by [maratrus](#) on Fri, 22 Jan 2010 14:43:56 GMT

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Hello,

most probably you need to stop a VE that you are playing with. Then probe xt\_state module on the HN, i.e. run

```
# modprobe xt_state
```

After that start the VE and everything should work.

The point is that a desired iptable module has to be loaded before VE is started.

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Subject: Re: need help using xt\_tcpudp and xt\_state modules within a VE

Posted by [Jimbo](#) on Mon, 25 Jan 2010 19:03:49 GMT

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Turns out my problem was that I had my "NUMIPTENT" set too low for this VE. After increasing the value with this command, the problem went away:

```
vzctl set 2094 --numiptent 64 --save
```

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