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Subject: Connection Tracking inside a VPS

Posted by [Daniel Bauer](#) on Wed, 23 Nov 2011 10:31:16 GMT

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Hi @all,

I tried to do a firewall inside a VPS. I inserted in the .conf file a line like this

```
IPTABLES="ip_contrack ip_...
```

and tried to use the connection tacking like this

```
root@gw:~# iptables -A INPUT -m state --state RELATED,ESTABLISHED -j ACCEPT
```

```
iptables: No chain/target/match by that name.
```

but it looks like there is no module for connection tracking.

Could anybody give me a hint?

Thanks

Daniel

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Subject: Re: Connection Tracking inside a VPS

Posted by [MailingListe](#) on Wed, 23 Nov 2011 11:01:26 GMT

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Zitat von Daniel Bauer <mlist@dsb-gmbh.de>:

> Hi @all,

>

> I tried to do a firewall inside a VPS. I inserted in the .conf file

> a line like this

```
> IPTABLES="ip_contrack ip_...
```

To which \*.conf file have you added this? It is needed in vz.conf so the modules get loaded by starting OpenVZ at the HN. You will also need ipt\_filter as far as i remember. You can try iptables with contrack on the HN, if it works there it should work inside VE too. But don't try it with IPv6.

> and tried to use the connection tacking like this

```
> root@gw:~# iptables -A INPUT -m state --state RELATED,ESTABLISHED -j ACCEPT
```

```
> iptables: No chain/target/match by that name.
```

>

> but it looks like there is no module for connection tracking.

Check with lsmod on the HN what is loaded. The VE is not able to load

any modules on demand.

Regards

Andreas

## File Attachments

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1) [smime.p7s](#), downloaded 415 times

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Subject: Re: Connection Tracking inside a VPS - SOLVED  
Posted by [Daniel Bauer](#) on Wed, 23 Nov 2011 12:14:09 GMT

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Hallo Andreas,

From: <lst\_hoe02@kwsoft.de>

> Zitat von Daniel Bauer <m1ist@dsb-gmbh.de>:

>

>> Hi @all,

>>

>> I tried to do a firewall inside a VPS. I inserted in the .conf file

>> a line like this

>> IPTABLES="ip\_contrack ip\_...

>

> To which \*.conf file have you added this? It is needed in vz.conf so

> the modules get loaded by starting OpenVZ at the HN. You will also

> need ipt\_filter as far as i remember. You can try iptables with

> conntrack on the HN, if it works there it should work inside VE too.

ok, this was the failure, I've added this in the VPS\*.conf, not in the  
vz.conf, now it works.

> But don't try it with IPv6.

It's only an IPv4 net. IPv6 is scheduled for next year ;)

>> and tried to use the connection tacking like this

>> root@gw:~# iptables -A INPUT -m state --state RELATED,ESTABLISHED -j

>> ACCEPT

>> iptables: No chain/target/match by that name.

>>

>> but it looks like there is no module for connection tracking.

>

> Check with lsmod on the HN what is loaded. The VE is not able to load

> any modules on demand.

The loading in the HN was successfull, but I've not allowed in the  
vz.conf :(

Thanks a lot for you help!  
Daniel

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