
Subject: ip_conntrack_ftp Not Working in Container
Posted by [ichilton](#) on Fri, 09 Apr 2010 14:52:25 GMT
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Hi,

I'm trying to connect out from a Debian container to an external FTP server.

It works fine from the host node (with the same firewall) and it works fine from the container when I take down the firewall, but with the firewall up, it connects but will not do the directory listing:

```
230 Login successful.  
Remote system type is UNIX.  
Using binary mode to transfer files.  
ftp>  
ftp> ls  
200 PORT command successful. Consider using PASV.  
425 Failed to establish connection.  
ftp>
```

It looks like the ip_conntrack_ftp module doesn't seem to be working.

It's in both vz.conf and the container's own config file - 101.conf:

```
IPTABLES="ip_tables ipt_REJECT ipt_tos ipt_limit ipt_multiport iptable_filter iptable_mangle  
ipt_TCPMSS ipt_tcpmss ipt_ttl ipt_length ip_conntrack ip_conntrack_ftp ip_conntrack_irc ipt_LOG  
ipt_conntrack ipt_helper ipt_state iptable_nat ip_nat_ftp ip_nat_irc ipt_TOS"
```

Host and container are both running Debian:

Host Node:

```
# uname -a  
Linux 2.6.26-2-openvz-amd64 #1 SMP Tue Mar 9 23:10:10 UTC 2010 x86_64 GNU/Linux
```

```
# lsmod |grep ftp  
nf_nat_ftp          7296  0  
nf_nat             22548  3 nf_nat_irc,nf_nat_ftp,iptable_nat  
nf_conntrack_ftp   12728  1 nf_nat_ftp  
nf_conntrack       82688  10  
nf_nat_irc,nf_nat_ftp,iptable_nat,nf_nat,xt_helper,xt_conntrack,nf_conntrack_irc,nf_conntrack_ftp,  
xt_state,nf_conntrack_ipv4
```

Container:

```
$ uname -a
```

```
Linux 2.6.26-2-openvz-amd64 #1 SMP Tue Mar 9 23:10:10 UTC 2010 i686 GNU/Linux
```

Any ideas why it's not working?

Thanks,

Ian
