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Subject: Using the ip\_conntrack\_tftp iptables module within containers

Posted by [triangle](#) on Tue, 28 Jul 2009 14:02:17 GMT

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Hi

I do not manage to use the iptables module ip\_conntrack\_tftp within a container. Here is what I have configured:

ip\_conntrack\_tftp is loaded on the host node:

```
[root@hostnode ~]# lsmod | grep tftp
ip_conntrack_tftp      8184 0
ip_conntrack          60228 11 vzrst,vzcpt,ip_conntrack_tftp,xt_state,ip_nat_ftp,ip_nat,ip_
conntrack_ftp
[root@hostnode ~]#
```

The command below yields this error message:

```
[root@hostnode ~]# vzctl set 105 --iptables ip_conntrack_tftp --save
Warning: Unknown iptable module: ip_conntrack_tftp, skipped
Bad parameter for --iptables: ip_conntrack_tftp
```

Defining ip\_conntrack\_tftp in the IPTABLES variable of the file /etc/sysconfig/vz yields the message "Warning: Unknown iptable module: ip\_conntrack\_tftp, skipped" when starting the container.

This is what the "vzctl" man page is saying:

```
...
  Iptables control parameters

  --iptables name
    Restrict access to iptables modules inside a container (by default all iptables modules that
    are loaded in the host system are accessible inside a container).

    You can use the following values for name: iptable_filter, iptable_mangle, ipt_limit,
    ipt_multiport, ipt_tos, ipt_TOS, ipt_REJECT, ipt_TCPMSS, ipt_tcpmss, ipt_ttl, ipt_LOG, ipt_length,
    ip_conntrack, ip_conntrack_ftp,
    ip_conntrack_irc, ipt_conntrack, ipt_state, ipt_helper, iptable_nat, ip_nat_ftp, ip_nat_irc,
    ipt_REDIRECT, xt_mac, ipt_owner.
...
```

Here I see that the command "vzctl set 105 --iptables ip\_conntrack\_tftp --save" will not work since ip\_conntrack\_tftp is not on the list of supported modules for this command.

==> Does this mean that ip\_conntrack\_tftp cannot be used at all within containers (even though the man pages says that "by default all iptables modules that are loaded in the host system are

accessible inside a container")?

If ip\_conntrack\_tftp can be used within containers: How is it configured?

I am using these OpenVZ software packages:

```
[root@hostnode ~]# rpm -qa | grep vz
ovzkernel-devel-2.6.18-128.1.1.el5.028stab062.3
vzquota-3.0.12-1
vzrpm44-python-4.4.1-22.5
vzctl-lib-3.0.23-1
vzrpm44-4.4.1-22.5
vzrpm43-python-4.3.3-7_nonptl.6
vzctl-3.0.23-1
vzyum-2.4.0-11
vzrpm43-4.3.3-7_nonptl.6
vztmpl-centos-5-2.0-3
vzdump-1.1-2
ovzkernel-2.6.18-128.1.1.el5.028stab062.3
vzpkg-2.7.0-18
[root@hostnode ~]#
```

Thanks for clarification.

David

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