
Subject: iptables LOG target in VE :: supported?
Posted by [rickb](#) on Wed, 15 Aug 2007 17:41:20 GMT
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Hello friends.

I am attempting to use the iptables log target in the VE.

```
[root@arsenic ~]# lsmod | grep -i log
ipt_LOG                7712  56
ip_tables              23472  16
ipt_recent,ipt_REDIRECT,iptable_nat,ipt_state,ipt_length,ipt_ttl,ipt_tcpmss,ipt_TCPMSS,iptable_
mangle,iptable_filter,ipt_multiport,ipt_limit,ipt_LOG,ipt_TOS,ipt_tos,ipt_REJECT
[root@arsenic ~]#
```

```
[root@arsenic ~]# vzctl enter 9890933
entered into VE 9890933
[root@dark /]#
```

```
[root@dark /]# grep LOG /proc/net/ip_tables_targets
LOG
```

When I create a simple logging rule such as: '-A INPUT -p tcp --dport 22 -j LOG', no messages seem to be hitting syslog. I tested this with a Centos4 VE.

Am I missing something here or is the log target unsupported in the VE context? If so, I will create a bugzilla report.

Thank you
Rick

Subject: Re: iptables LOG target in VE :: supported?
Posted by [sspt](#) on Wed, 15 Aug 2007 18:45:33 GMT
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I've also noticed the same behaviour with CentOS 5 (Host) + CentOS 5 (VE).

Subject: Re: iptables LOG target in VE :: supported?
Posted by [khorenko](#) on Thu, 16 Aug 2007 07:26:39 GMT
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- 1) does 'dmesg' shows the logs from ipt_LOG?
- 2) is klogd running inside a VE? (by default it's not)

i guess this (2) is the reason. Could you please check?

Thank you,
Konstantin.

Subject: Re: iptables LOG target in VE :: supported?
Posted by [ugob](#) on Wed, 12 Sep 2007 15:26:19 GMT
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How do you get klogd to run? It is not started by syslog's init script.

Subject: Re: iptables LOG target in VE :: supported?
Posted by [khorenko](#) on Thu, 13 Sep 2007 14:21:30 GMT
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Well, we do change syslog in template's post-install scripts to skip klogd startup, but you can undo the changes - just diff syslog init script from a VE and from the normal system.

The idea is "passed klogd skipped \$KLOGD_OPTIONS" -> "daemon klogd \$KLOGD_OPTIONS", the same for stopping and might be some other pieces of code dealing with klogd in /etc/rc.d/init.d/syslog.

Subject: Re: iptables LOG target in VE :: supported?
Posted by [ugob](#) on Thu, 13 Sep 2007 15:10:14 GMT
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I understand. What is the goal of not starting klogd in the VEs?

Subject: Re: iptables LOG target in VE :: supported?
Posted by [khorenko](#) on Fri, 14 Sep 2007 13:04:33 GMT
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At the very beginning kernel log simply was not virtualized.
So this was just a redundant process inside a VE.
Time changes but nobody asked about it so it was left as is.
One more reason: klogd calls sync() quite often and on a heavy loaded nodes this might be a long operation cause it affects all VEs on the node.

Subject: Re: iptables LOG target in VE :: supported?
Posted by [ugob](#) on Fri, 14 Sep 2007 13:22:47 GMT

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Ok

I think this should be documented somewhere... What do you think?

I can help if needed.

Subject: Re: iptables LOG target in VE :: supported?

Posted by [ugob](#) on Fri, 14 Sep 2007 13:29:30 GMT

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I guess I would have to change the stop() as well? Otherwise klogd is not killed at stop.

Subject: Re: iptables LOG target in VE :: supported?

Posted by [khorenko](#) on Fri, 14 Sep 2007 13:57:29 GMT

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finist wrote on Thu, 13 September 2007 18:21The idea is "passed klogd skipped \$KLOGD_OPTIONS" -> "daemon klogd \$KLOGD_OPTIONS", the same for stopping and might be some other pieces...

ugob wrote on Fri, 14 September 2007 17:29I guess I would have to change the stop() as well? Otherwise klogd is not killed at stop.

Yes, you are right.

ugob wrote on Fri, 14 September 2007 17:22Ok

I think this should be documented somewhere... What do you think?

I can help if needed.

Well, agree, it makes sense to document it. i suppose a wiki page devoted to klogd would be perfect and it would be great if you can help us creating it. So if you have time, you are welcome.

Subject: Re: iptables LOG target in VE :: supported?

Posted by [ugob](#) on Fri, 14 Sep 2007 16:29:52 GMT

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Yes, I would take the time. How should we proceed?

Ugo

Subject: Re: iptables LOG target in VE :: supported?

Posted by [khorenko](#) on Mon, 17 Sep 2007 08:48:32 GMT

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Answered via PM.
