
Subject: *SOLVED* Firewall tutorial
Posted by [ugob](#) on Thu, 12 Apr 2007 04:07:07 GMT
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Hi,

Is there some doc about setting up a basic iptables firewall inside a VE? I can't find one...

Regards,
Ugo

Subject: Re: Firewall tutorial
Posted by [ugob](#) on Thu, 12 Apr 2007 04:16:55 GMT
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More precisely, I get this error:

iptables v1.2.11: can't initialize iptables table `filter': Table does not exist (do you need to insmod?)
Perhaps iptables or your kernel needs to be upgraded.

2.6.9-023stab040.1

In vz.conf:

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

in the VEID.conf file:

```
IPTABLES="iptables_nat"
```

(I also tried with nothing).

No iptables rules active on VE0 (host).

Thanks,

Subject: Re: Firewall tutorial
Posted by [Vasily Tarasov](#) on Fri, 13 Apr 2007 14:23:48 GMT
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Helly,

Very probably required iptables kernel modules are not loaded: you should load these modules in

VE0 before starting the VE in question.

HTH,
Vasily.

Subject: Re: Firewall tutorial

Posted by [ugob](#) on Fri, 13 Apr 2007 16:46:57 GMT

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```
[root@svr01 ~]# lsmod
```

Module	Size	Used by
--------	------	---------

simfs	3676	4
-------	------	---

vzethdev	7692	0
----------	------	---

vzrst	161736	0
-------	--------	---

iptable_nat	26296	3 vzrst
-------------	-------	---------

vzcpt	127704	0
-------	--------	---

ip_conntrack	44852	4 vzrst, iptable_nat, vzcpt
--------------	-------	-----------------------------

vzdquota	53840	4 [permanent]
----------	-------	---------------

ipt_length	1376	3
------------	------	---

ipt_ttl	1536	3
---------	------	---

ipt_tcpmss	1920	3
------------	------	---

ipt_TCPMSS	3616	3
------------	------	---

iptable_mangle	4192	3
----------------	------	---

iptable_filter	4032	3
----------------	------	---

ipt_multiport	1728	3
---------------	------	---

ipt_limit	2528	3
-----------	------	---

ipt_tos	1312	3
---------	------	---

ipt_REJECT	5792	3
------------	------	---

ip_tables	22256	11 iptable_nat, ipt_length, ipt_ttl, ipt_tcpmss, ipt_TCPMSS, iptable_mangle, iptable_filter, ipt_multiport, ipt_limit, ipt_tos, ipt_REJECT
-----------	-------	--

vznetdev	13408	9
----------	-------	---

vzmon	47900	8 vzethdev, vzrst, vzcpt, vznetdev
-------	-------	------------------------------------

vzdev	3008	4 vzethdev, vzdquota, vznetdev, vzmon
-------	------	---------------------------------------

af_packet	21928	4
-----------	-------	---

uhci_hcd	33272	0
----------	-------	---

ehci_hcd	31780	0
----------	-------	---

via_rhine	23368	0
-----------	-------	---

mii	4544	1 via_rhine
-----	------	-------------

floppy	62480	0
--------	-------	---

Subject: Re: Firewall tutorial

Posted by [devonblzx](#) on Fri, 13 Apr 2007 17:03:50 GMT

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http://kb.swsoft.com/article_130_875_en.html

That article might help you, I used it to install APF on my VPS's.

It is made for Virtuozzo, but it works on OpenVZ.

Subject: Re: Firewall tutorial

Posted by [Vasily Tarasov](#) on Sat, 14 Apr 2007 14:00:58 GMT

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Oh, I've just noticed that your veid.conf file contents only "iptables_nat"! It's not enough for iptables! Note, also, that parameters from vz.conf and veid.conf are not concatenated - they only replace each other. So in your VE only iptable_nat is allowed. I suggest you to add all required modules to veid.conf file.

Vasily.
