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="iptable_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_R EJECT
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 "iptable_nat"! It's not enough for iptables! Note, also, that parameters from vz.conf and veid.conf are note concatinated - 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.
