Subject: iptables and NAT inside VE
Posted by digidax on Mon, 19 Jan 2009 13:39:58 GMT
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Hello,

I'm doing inside the VE the iptables command on shell and get an error:

iptables -t nat -A PREROUTING -s 0.0.0.0/0 -p tcp --dport 80 -j REDIRECT --to-port 8080
iptables v1.3.5: can't initialize iptables table `nat': Table does not exist (do you need to insmod?)
Perhaps iptables or your kernel needs to be upgraded.

On the HN I have expand in /etc/vz/vz.conf the line with iptables_nat:

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

Using Kernel: 2.6.18-92.1.13.el5.028stab059.6 #1 SMP

finished with rebooting the HN. What did I have forgot?

best regards
Frank

Subject: Re: iptables and NAT inside VE
Posted by piavlo on Mon, 19 Jan 2009 16:51:45 GMT
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You need the iptables nat module loaded in HN prior to VE start anyway.
Also add IPTABLES="iptable_nat" to /etc/vz/conf/${VEID}.conf

I think that IPTABLES="..." in
/etc/vz/vz.conf is ignored.

Subject: *SOLVED*: iptables and NAT inside VE
Posted by digidax on Mon, 19 Jan 2009 17:16:15 GMT
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Yes, I've did it. See last word in my IPTABLES="... iptables_nat" line and have rebooted the whole machine in case of increasing DDR2 RAM.

I have recreated the VE again and now it's working. I don't know what's the problem was but now it's running.

Thanks.

Subject: Re: *SOLVED*: iptables and NAT inside VE
Posted by piavlo on Mon, 19 Jan 2009 19:06:58 GMT
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digidax wrote on Mon, 19 January 2009 19:16
I have recreated the VE again and now it's working. I don't know what's the problem was but now it's running.

Thanks.

The problem was that you needed the iptables nat module loaded in HN prior to that you start the VE

Subject: Re: *SOLVED*: iptables and NAT inside VE
Posted by digidax on Tue, 20 Jan 2009 06:22:32 GMT
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Sorry, I think you misunderstand me. I have rebooted the whole Hardware:
shutdown -h now

After starting the machine by pressing the power on button, first is booting the host OS and then initialized the VZ subsystem, next step is starting the VE's. So my changes on IPTABLES are done and executed.

The simplest way is stopping VZ subsystem and
service iptables restart
and starting the VZ subsystem. But I have plugged additional RAM on board, so I must switched off.