
Subject: NAT question

Posted by [rubendob](#) on Sun, 04 May 2014 17:15:51 GMT

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Hi

recently I have mounted a new centos 6 with openvz. At the final step, I was trying to give internet to vps with NAT iptables but I got this problem

v1.3.5: can't initialize iptables table `nat': Table does not exist

I have noticed that after installing openvz kernel, a new file in /etc/modprobe.conf is created with the next line:

```
options ip_conntrack ip_conntrack_disable_ve0=1
```

If I comment the line of the file then I can apply the rule and centos does not complain like before.

Why this? I don't understand. Can you give me some information about it?

Thanks

Subject: Re: NAT question

Posted by [kir](#) on Mon, 12 May 2014 19:10:00 GMT

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vzctl prints the following upon adding this line:

```
=====
=====
```

Due to conntrack impact on venet performance, conntrack needs to be disabled on the host system (it will still work for containers).

Adding the following option to /etc/modprobe.d/openvz.conf

```
options nf_conntrack ip_conntrack_disable_ve0=1
```

This change will take effect only after the next reboot.

NOTE: IF YOU NEED conntrack functionality, edit \$file NOW, changing =1 to =0. DO NOT REMOVE the line, or it will be re-added!

```
=====
=====
```

I think this explains it. Also, make sure you DO NOT COMMENT OUT this line, but change the parameter value to 0, otherwise it might be re-added during vzctl upgrade.

Subject: Re: NAT question

Posted by [TheStig](#) on Fri, 16 May 2014 13:00:57 GMT

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is there more information available as to what the performance impact of conntrack on ve0 is and why it was decided now that it will be disabled by default?
