
Subject: enable /dev/net/tun and iptable_nat
Posted by [tesna](#) on Sun, 28 Jun 2009 23:38:57 GMT
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Hi everyone,

I'm currently have three unmanaged VPS on three different providers and two of them already had /dev/net/tun and iptable_nat enabled on my vps.

I asked all of them to enable these two on my vps and only two of them managed to do it. The other one tried to enable it but in the end the technical support just said they are unmanaged VPS provider and I should look on this forum on how to enable both of them on my VPS. I use /dev/net/tun and iptable_nat to use OpenVPN on my VPS and OpenVPN has been setup successfully on two other VPS.

Here is the log file of openvpn:

```
Mon Jun 29 02:22:42 2009 us=575678 Note: Cannot open TUN/TAP dev /dev/net/tun: Permission denied (errno=13)
Mon Jun 29 02:22:42 2009 us=575691 Note: Attempting fallback to kernel 2.2 TUN/TAP interface
Mon Jun 29 02:22:42 2009 us=576485 Cannot allocate TUN/TAP dev dynamically
Mon Jun 29 02:22:42 2009 us=576498 Exiting
```

and here's why I need to enable iptable_nat

```
[root@juno openvpn]# iptables -t nat -s 10.8.0.0/24 -A POSTROUTING -j SNAT --to XX.XX.XX.XX
(IP ADDRESS REMOVED)
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.
```

The question, is it possible to do it from my end? if so, how? or I need to them do it? if so please explain how to do it and I will forward this message to their technical support.

Any help will be much appreciated

Subject: Re: enable /dev/net/tun and iptable_nat
Posted by [maratrus](#) on Mon, 29 Jun 2009 07:32:09 GMT
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Hello,

1. you can create a character device from inside the container but it's necessary to allow your VE

to use it which must be made from the HN.
http://wiki.openvz.org/VPN_via_the_TUN/TAP_device

2. Please read user's guide
<http://download.openvz.org/doc/OpenVZ-Users-Guide.pdf>
"Loading iptables modules - page 69"

Subject: Re: enable /dev/net/tun and iptable_nat
Posted by [tesna](#) on Mon, 29 Jun 2009 07:48:35 GMT
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Whoa, its clearly documented in the User Guide! Thank you very much maratatus! I'll send the link to the my provider's technical support. I wonder why my VPS provider took soooo damn long to do this Its been 48 hours since I first opened the ticket
