
Subject: ***SOLVED*** openvpn in VE / Debian - sarge
Posted by [bknip](#) on Wed, 14 Feb 2007 22:57:43 GMT
[View Forum Message](#) <> [Reply to Message](#)

Hi,

I am trying hard to install openvpn inside a VE, but until now I had no success.

In detail:

I followed this HOWTO:

http://wiki.openvz.org/VPN_via_the_TUN/TAP_device

TUN is loaded on HN:

Quote:

```
# lsmod | grep tun  
tun                7136  0
```

VE is authorized to use tun/tap, device is installed on VE

Quote:

```
# vzctl set 1001 --devices c:10:200:rw --save  
# vzctl exec 1001 mkdir -p /dev/net  
# vzctl exec 1001 mknod /dev/net/tun c 10 200  
# vzctl exec 1001 chmod 600 /dev/net/tun
```

openvpn ist compiled, installed, and configured on VE, but the attempt to start openvpn fails:

Quote:

```
~# openvpn --config /etc/openvpn/server.conf  
Wed Feb 14 22:16:22 2007 OpenVPN 2.0.9 i686-pc-linux [SSL] [LZO] [EPOLL] built on Feb 14 2007  
Wed Feb 14 22:16:22 2007 Diffie-Hellman initialized with 1024 bit key  
Wed Feb 14 22:16:22 2007 TLS-Auth MTU parms [ L:1542 D:138 EF:38 EB:0 ET:0 EL:0 ]  
Wed Feb 14 22:16:22 2007 Note: Cannot open TUN/TAP dev /dev/net/tun: Permission denied (errno=13)  
Wed Feb 14 22:16:22 2007 Note: Attempting fallback to kernel 2.2 TUN/TAP interface  
Wed Feb 14 22:16:22 2007 Cannot allocate TUN/TAP dev dynamically  
Wed Feb 14 22:16:22 2007 Exiting
```

What's going wrong here? Why does openvpn get no access (user root has same result)

Thanks for any idea!

Best regards
Burkhard

Subject: Re: openvpn in VE / Debian - sarge
Posted by [Vasily Tarasov](#) on Thu, 15 Feb 2007 10:37:34 GMT
[View Forum Message](#) <> [Reply to Message](#)

Hello,

Please, specify the kernel you're using.

Thanks

Subject: Re: openvpn in VE / Debian - sarge
Posted by [bknip](#) on Sat, 17 Feb 2007 02:28:29 GMT
[View Forum Message](#) <> [Reply to Message](#)

Well, the solution seems to be obvious.

Of course the tun device has to be activated on the HN before giving access to the VE.

So first on HN:

Quote:

```
# mkdir -p /dev/net  
# mknod /dev/net/tun c 10 200  
# chmod 600 /dev/net/tun
```

and after that on VE

Quote:

```
# vzctl set 1001 --devices c:10:200:rw --save  
# vzctl exec 1001 mkdir -p /dev/net  
# vzctl exec 1001 mknod /dev/net/tun c 10 200  
# vzctl exec 1001 chmod 600 /dev/net/tun
```

Now everything works!

Burkhard
