

Forum:[Hack Forums](#)

Thread: [VPS OpenVPN Server Setup - TUN Help Please](#)

Lucrid - December 31, 2017, 8:46 pm

Hello,

I've been trying to setup OpenVPN for several days now. I've tried Ubuntu and CentOS, neither of which seem to work even when following multiple guides to a T.

Here is status

```
Code administrator@mini:~$ sudo systemctl status openvpn@server.service
? openvpn@server.service - OpenVPN connection to server
   Loaded: loaded (/lib/systemd/system/openvpn@.service; disabled; vendor preset: enabled)
   Active: failed (Result: exit-code) since Sun 2017-12-31 23:42:53 EST; 49s ago
     Docs: man:openvpn(8)
           https://community.openvpn.net/openvpn/wiki/Openvpn23ManPage
           https://community.openvpn.net/openvpn/wiki/HOWTO
   Process: 15304 ExecStart=/usr/sbin/openvpn --daemon ovpn-%i --status /run/openvpn/%i.status
10 --c
```

```
Dec 31 23:42:53 mini systemd[1]: Starting OpenVPN connection to server...
Dec 31 23:42:53 mini ovpn-server[15304]: OpenVPN 2.3.10 x86_64-pc-linux-gnu [SSL (OpenSSL)]
[LZO] [E
Dec 31 23:42:53 mini ovpn-server[15304]: library versions: OpenSSL 1.0.2g-fips 1 Mar 2016, LZO
2.08
Dec 31 23:42:53 mini ovpn-server[15304]: daemon() failed or unsupported: Resource temporarily
unavai
Dec 31 23:42:53 mini ovpn-server[15304]: Exiting due to fatal error
Dec 31 23:42:53 mini systemd[1]: openvpn@server.service: Control process exited, code=exited
status=
Dec 31 23:42:53 mini systemd[1]: Failed to start OpenVPN connection to server.
Dec 31 23:42:53 mini systemd[1]: openvpn@server.service: Unit entered failed state.
Dec 31 23:42:53 mini systemd[1]: openvpn@server.service: Failed with result 'exit-code'.
```

```
p.p1 {margin: 0.0px 0.0px 0.0px 0.0px; font: 11.0px Menlo; color: #e6c72b; background-color:
#8e3527; background-color: rgba(142, 53, 39, 0.85)} p.p2 {margin: 0.0px 0.0px 0.0px 0.0px; font:
11.0px Menlo; color: #d7c9a7; background-color: #8e3527; background-color: rgba(142, 53, 39,
0.85)} p.p3 {margin: 0.0px 0.0px 0.0px 0.0px; font: 11.0px Menlo; color: #8e3527; background-color:
#d7c9a7; background-color: rgba(215, 201, 167, 0.85)} span.s1 {font-variant-ligatures:
no-common-ligatures; color: #d7c9a7} span.s2 {font-variant-ligatures: no-common-ligatures}
Dec 31 23:42:53 mini systemd[1]: [b]openvpn@server.service: Unit entered failed state.[/b]
Dec 31 23:42:53 mini systemd[1]: [b]openvpn@server.service: Failed with result 'exit-code'.[/b]
Dec 31 23:42:53 mini sudo[15301]: pam_unix(sudo:session): session closed for user root
Dec 31 23:43:43 mini sudo[15314]: [b]administrator : TTY=pts/0 ; PWD=/home/administrator ;
USER=root ; COMMAND=/bin/systemctl status openvpn@server.service[/b]
Dec 31 23:43:43 mini sudo[15314]: pam_unix(sudo:session): session opened for user root by
administrator(uid=0)
Dec 31 23:44:39 mini sudo[15314]: pam_unix(sudo:session): session closed for user root
```

```
Dec 31 23:45:25 mini sudo[15320]: [b]administrator : TTY=pts/0 ; PWD=/etc/openvpn ; USER=root ;  
COMMAND=/bin/journalctl -xe[/b]  
Dec 31 23:45:25 mini sudo[15320]: pam_unix(sudo:session): session opened for user root by  
administrator(uid=0)  
lines 1063-1085/1085 (END)
```

Any help would be much appreciated, thanks in advance

MistaWolf - January 1, 2018, 8:10 am

I had a similar problem with my VPN's but i used SoftEther, since im not sure what could cause that problem i suggest trying to enable TUN/TAP.

If that doesn't help, try installing SoftEther and provide me results, you can connect with OpenVPN client to SoftEther one too.

Lucrid - January 1, 2018, 1:47 pm

(Jan 1, 2018 09:10 AM)MistaWolf Wrote: [\[CITE\]](#) I had a similar problem with my VPN's but i used SoftEther, since im not sure what could cause that problem i suggest trying to enable TUN/TAP.

If that doesn't help, try installing SoftEther and provide me results, you can connect with OpenVPN client to SoftEther one too.

Thanks for your reply.

I've already tried to enable TUN/TAP but I don't think it's done anything for me. Let me make sure I did it again after my last start-over.

I get this error when trying to modprobe tun

```
Quote:modprobe: ERROR: ../libkmod/libkmod.c:514 lookup_builtin_file() could not open builtin file  
'/lib/modules/2.6.32-042stab123.1/modules.builtin.bin'  
modprobe: FATAL: Module tun not found in directory /lib/modules/2.6.32-042stab123.1
```

After following some instructions from a Linode forum post, it seems I was able to enable tun0. However, I'm still getting this error when starting the OpenVPN service.

```
Quote:administrator@mini:/dev$ sudo systemctl status openvpn@server.service  
? openvpn@server.service - OpenVPN connection to server  
Loaded: loaded (/lib/systemd/system/openvpn@.service; disabled; vendor preset: enabled)  
Active: failed (Result: exit-code) since Mon 2018-01-01 17:00:36 EST; 20s ago  
Docs: man:openvpn(8)  
https://community.openvpn.net/openvpn/wiki/Openvpn23ManPage  
https://community.openvpn.net/openvpn/wiki/HOWTO  
Process: 16276 ExecStart=/usr/sbin/openvpn --daemon ovpn-%i --status /run/openvpn/%i.status  
10 --cd /etc/openvpn --sc
```

```
Jan 01 17:00:36 mini systemd[1]: Starting OpenVPN connection to server...  
Jan 01 17:00:36 mini ovpn-server[16276]: OpenVPN 2.3.10 x86_64-pc-linux-gnu [SSL (OpenSSL)]  
[LZO] [EPOLL] [PKCS11] [MH]  
Jan 01 17:00:36 mini ovpn-server[16276]: library versions: OpenSSL 1.0.2g-fips 1 Mar 2016, LZO  
2.08  
Jan 01 17:00:36 mini ovpn-server[16276]: daemon() failed or unsupported: Resource temporarily  
unavailable (errno=11)  
Jan 01 17:00:36 mini ovpn-server[16276]: Exiting due to fatal error  
Jan 01 17:00:36 mini systemd[1]: openvpn@server.service: Control process exited, code=exited  
status=1
```

Jan 01 17:00:36 mini systemd[1]: Failed to start OpenVPN connection to server.
Jan 01 17:00:36 mini systemd[1]: openvpn@server.service: Unit entered failed state.
Jan 01 17:00:36 mini systemd[1]: openvpn@server.service: Failed with result 'exit-code'.
lines 1-17/17 (END)

SnoWHAX - January 1, 2018, 9:19 pm

(Jan 1, 2018 02:47 PM)Lucrid Wrote: [CITE](#) Thanks for your reply.

I've already tried to enable TUN/TAP but I don't think it's done anything for me. Let me make sure I did it again after my last start-over.

I get this error when trying to modprobe tun

After following some instructions from a Linode forum post, it seems I was able to enable tun0. However, I'm still getting this error when starting the OpenVPN service.
have you tried turning it off and on again?