# OpenVPN

## Start OpenVPN at startup with systemd

1. Move the `.ovpn` file to `/etc/openvpn/`. Choose the `<name-of-connection>` carefully, the name is required to select the connection via systemd.

```
mv <config-file>.ovpn /etc/openvpn/<name-of-connection>.conf
```

2. Reload the daemon:

```
systemctl daemon-reload
```

3. Start the connection:

```
systemctl start openvpn@<name-of-connection>
```

4. Verify that everything worked correctly:

```
systemctl status openvpn@<name-of-connection>
```

   If it says `running` and no errors are displayed, everything was successful. If it says `cipher not allowed` check the following paragraph.

5. Enable it with:

```
systemctl enable openvpn@<name-of-connection>
```

6. To later disable the automatic start of the connection use:

```
systemctl disable openvpn@<name-of-connection>
```

*Sourced from smarthomebeginner.com - OpenVPN autostart*

## Cipher Error

> This issue only exists when the CLI-client is `OpenVPN v2.6+` while the corresponding server isn't yet on this state.

1. If there are the following lines in the console output of the connection:

```
Error: negotiated cipher not allowed - AES-256-CBC not in AES-256-
GCM:AES-128-GCM:CHACHA20-POLY1305
OPTIONS ERROR: failed to import crypto options
Failed to open tun/tap interface
```

2. Edit your config file. (Maybe under `/etc/openvpn/`) It's required to change the line that

contains `cipher`. Edit `cipher` to `data-ciphers`. It should then look like this:

```
data-ciphers AES-256-CBC
```

3. Finally restart your connection.

*Partially sourced from forums.openvpn.net - Cipher not allowed*

From:
http://fixes.brecht-schule.hamburg/ - **Fixes | Public BIT Wiki**

Permanent link:
**http://fixes.brecht-schule.hamburg/linux/linux-tutorials/ovpn**

Last update: **2024/04/17 18:38**