

# 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](http://smarthomebeginner.com) - [OpenVPN autostart](#)

## Cipher Error

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](https://forums.openvpn.net) - Cipher not allowed*

From:

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

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<http://fixes.brecht-schule.hamburg/linux/linux-tutorials/ovpn?rev=1712863919>

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