
NordVPN Converter Documentation

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1 NordVPN Configuration Converter	1
1.1 Purpose	1
1.2 Features	1
2 How to install	3
2.1 System-wide	3
2.2 Virtual environment	3
2.3 From sources	3
3 How to use	5
3.1 Grab the required files	5
3.2 Run the conversion	5
3.3 Install the NetworkManager files	6
4 Credits	7
5 Indices and tables	9

NordVPN Configuration Converter

1.1 Purpose

The main goal of this small script is to convert the OpenVPN configuration files (provided by the [NordVPN](#) service) into NetworkManager compatible files.

- Free software: GNU General Public License v3
- Documentation: <https://nordvpn-converter.readthedocs.io>.
- Requires python3

1.2 Features

- Bulk conversion done in a matter of seconds

How to install

2.1 System-wide

```
pip3 install nordvpn_converter
```

2.2 Virtual environment

```
virtualenv --python=python3 nordvpn_converter
cd nordvpn_converter
source bin/activate
pip install nordvpn_converter
```

2.3 From sources

The sources for NordVPN Configuration Converter can be downloaded from the [Github repo](#).

You can either clone the public repository:

```
$ git clone git://github.com/cnavalici/nordvpn_converter
```

Once you have a copy of the source, you can install it with:

```
$ python setup.py install
```

How to use

3.1 Grab the required files

In order to generate the compatible NetworkManager files, you have to login to your NordVPN account, go for **My Account** section, **Download Area**, **Linux** and download *.OVPN configuration files* and *CA & TLS certificates*.

After this, you're gonna end up with 2 archives, **config.zip** and **ca_and_tls_auth_certificates.zip**.

Create a new folder and unpack them there:

```
mkdir ~/NordVPN_Data
unzip -d ~/NordVPN_Data ~/Downloads/config.zip
unzip -d ~/NordVPN_Data ~/Downloads/ca_and_tls_auth_certificates.zip
```

Let's assume that you have now the following structure:

```
~/NordVPN_Data/CA\ and\ TLS\ auth\ certificates/*key
~/NordVPN_Data/CA\ and\ TLS\ auth\ certificates/*crt
~/NordVPN_Data/*.ovpn
```

3.2 Run the conversion

The regular help information is available:

```
usage: nordvpn_converter [-h] [--source SOURCE] [--destination DESTINATION]
                        [--certs CERTS] [--user USER] [-v] [--version]
```

This is a simple conversion tool.

optional arguments:

```
-h, --help            show this help message and exit
--source SOURCE        Source folder for ovpn config files
--destination DESTINATION
                        Destination folder for output files
--certs CERTS          Source folder for certificates
--user USER           Username used for the NordVPN connection
-v, --verbose          Verbose mode
--version              show program's version number and exit
```

And based on our example:

```
nordvpn_converter --source ~/NordVPN_Data --certs ~/NordVPN_Data/CA\ and\ TLS\ auth\_  
↳certificates --destination /tmp/output --user jbravo
```

Just note that the *user* is not the local one, but the NordVPN one. The files will be automatically generated with the current local username.

The *output* folder will contain now a lot of NetworkManager compatible files.

3.3 Install the NetworkManager files

Move the output files into NetworkManager connections folder and then process them.

```
cp /tmp/output/* /etc/NetworkManager/system-connections  
chmod 600 *  
nmcli conn reload
```

Now you should be able to see those connections also in the NetworkManager applet from your graphical environment.

Credits

This package was created with [Cookiecutter](#) and the [audreyr/cookiecutter-pypackage](#) project template.

Indices and tables

- `genindex`
- `modindex`
- `search`