nord

Release

Sep 09, 2017

Contents:

Nord is a client for interacting with the NordVPN service.

At its core is a high-level Python API for interacting both with the web service provided by NordVPN, and for connecting to VPN servers using the OpenVPN client.

Nord also contains components that expose this API as a command line tool, and (soon) as a web service and frontend.

CHAPTER 1

Overview

Nord is a client for interacting with the NordVPN service.

At its core is a high-level Python API for interacting both with the web service provided by NordVPN, and for connecting to VPN servers using the OpenVPN client.

Nord also contains components that expose this API as a command line tool, and (soon) as a web service and frontend.

CHAPTER 2

Licence

Nord is licensed under the terms of the GNU GPLv3. See the LICENSE file for details.

CHAPTER 3

Installation

```
pip install nord
```

CHAPTER 4

Usage

Run `nord --help` for the full usage instructions.

Connect to a NordVPN server:

```
nord connect -u my_user -p my_password us893
```

You can also supply your password from a file using the `-f` flag. The special value `-` means "read from stdin". This is particularly useful when your password is stored in a utility such as pass:

```
pass nordvpn_password | nord connect -u my_user -f - us893
```

CHAPTER 5

Prerequesites

- GNU/Linux system
- `openvpn`
- `sudo`
- Python 3.6

nord contains many Linux-isms (e.g. using the `sudo` program to obtain root access) so it will certainly not work on Windows, it may possibly work on OSX and *BSD, but support for these platforms is not a goal.

Most recent versions of popular GNU/Linux distributions (with the exception of Debian) have both an OpenVPN client and Python 3.6 in their official repositories. Debian users will have to take *additional steps* to get a Python 3.6 installation.

Ubuntu 16.10 and newer

Ubuntu comes with `sudo` already installed, so we just need to install Python and openVPN:

```
sudo apt-get install python3.6 openvpn
```

Fedora 26 and newer

Fedora comes with `sudo` already installed, so we just need to install Python and openVPN:

```
sudo dnf install python36 openvpn
```

Arch Linux

Run the following as root:

```
pacman -S sudo python openvpn
```

Then configure `sudo` by following the Arch wiki to give privileges to the user that nord will be running as.

Debian

First run the following as root to install the openVPN client and `sudo` from the Debian repositories:

```
apt install sudo openvpn
```

Then configure `sudo` by following the Debian wiki to give privileges to the user that nord will be running as.

There are a couple of options for installing Python3.6 on Debian:

- Installing from the `unstable` repositories
- Installing from source (easier than you might think

Both of these methods are explained in top-rated answers to this stackexchange question.

CHAPTER 6

Developing

```
git clone https://github.com/jbweston/nord
cd nord
virtualenv -p python3.6
source venv/bin/activate
pip install -e .[dev]
```

CHAPTER 7

API documentation

nord.api

nord.vpn

CHAPTER 8

Indices and tables

- genindex
- modindex
- search