# OpenVPN for Windows Users

In order to provide secure access to the TeideHPC infrastructure, all communications will be through a virtual private network (VPN).

Users will receive an email with the configuration files and access credentials encrypted with their GPG public password.

Its content is as follows:

- Four files containing the client's certificates.
- One client.ovpn file containing the connection data
- One README.txt file with the access credentials.

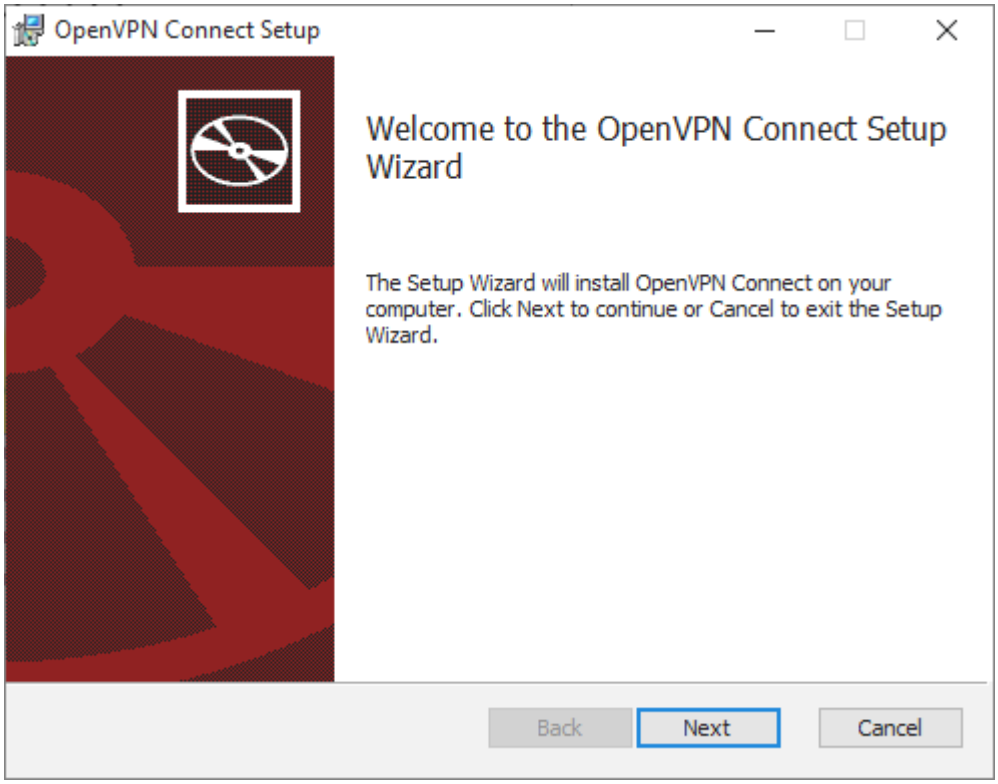
**We remember the keys and access files to the VPN and the username and password are personal and non-transferable and only one simultaneous connections is allowed."**

## Download and install

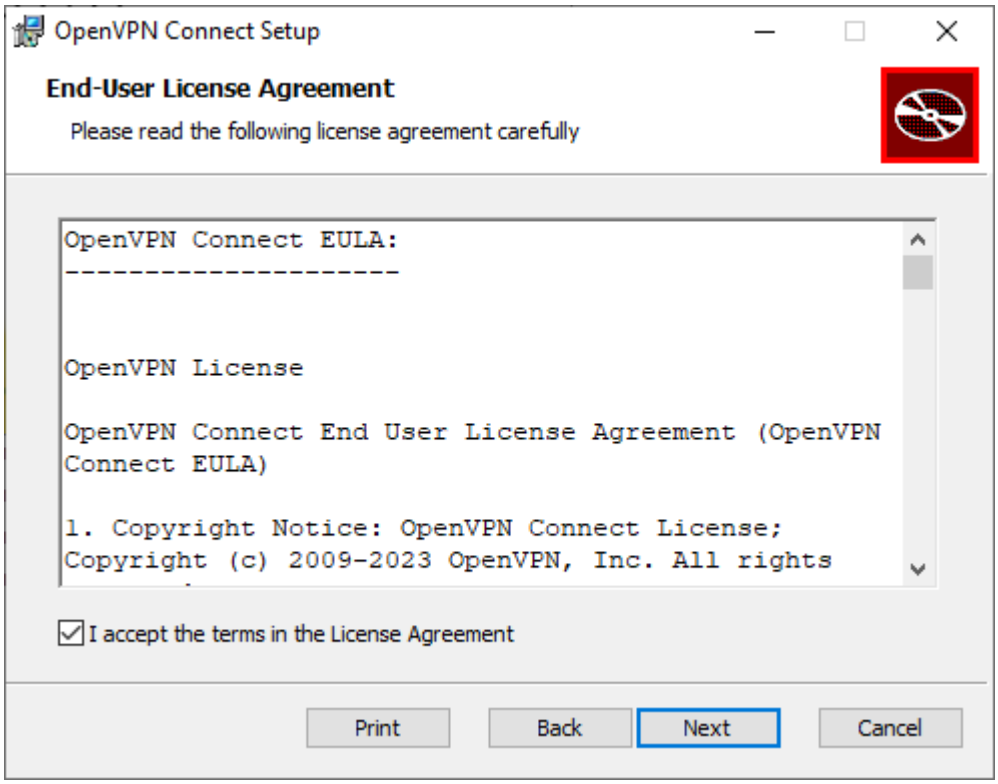
Although Windows 10 and Windows 11 has its own VPN client that could be used, we recommend OpenVPN version 3.

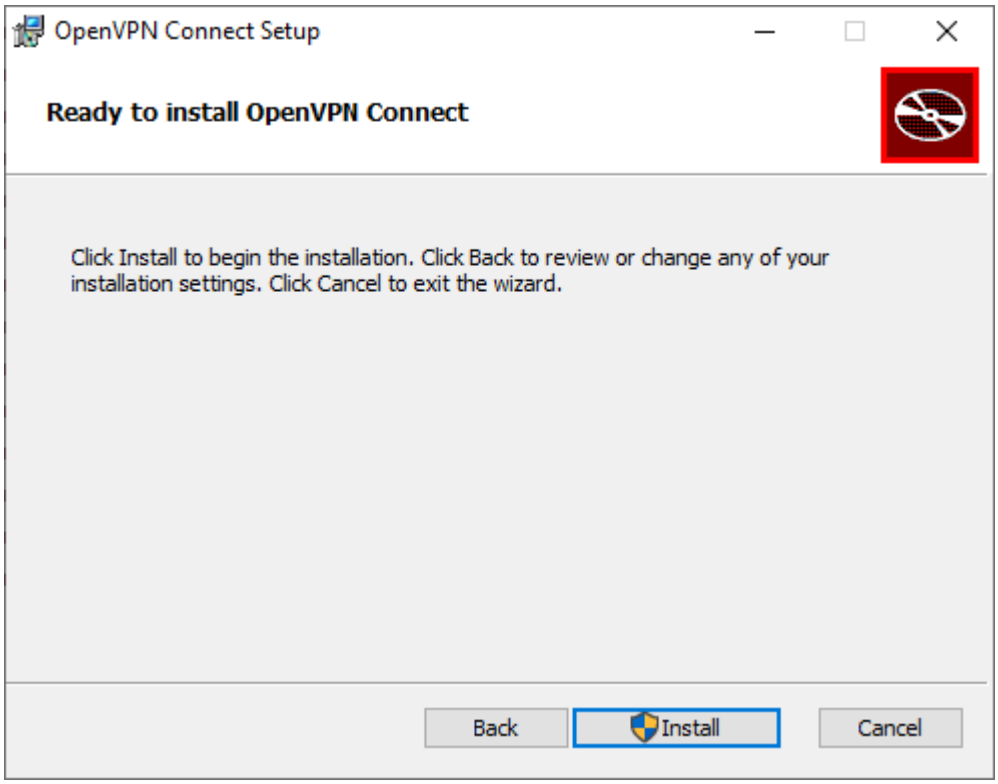
Download OpenVPN version 3 clicking in this link.

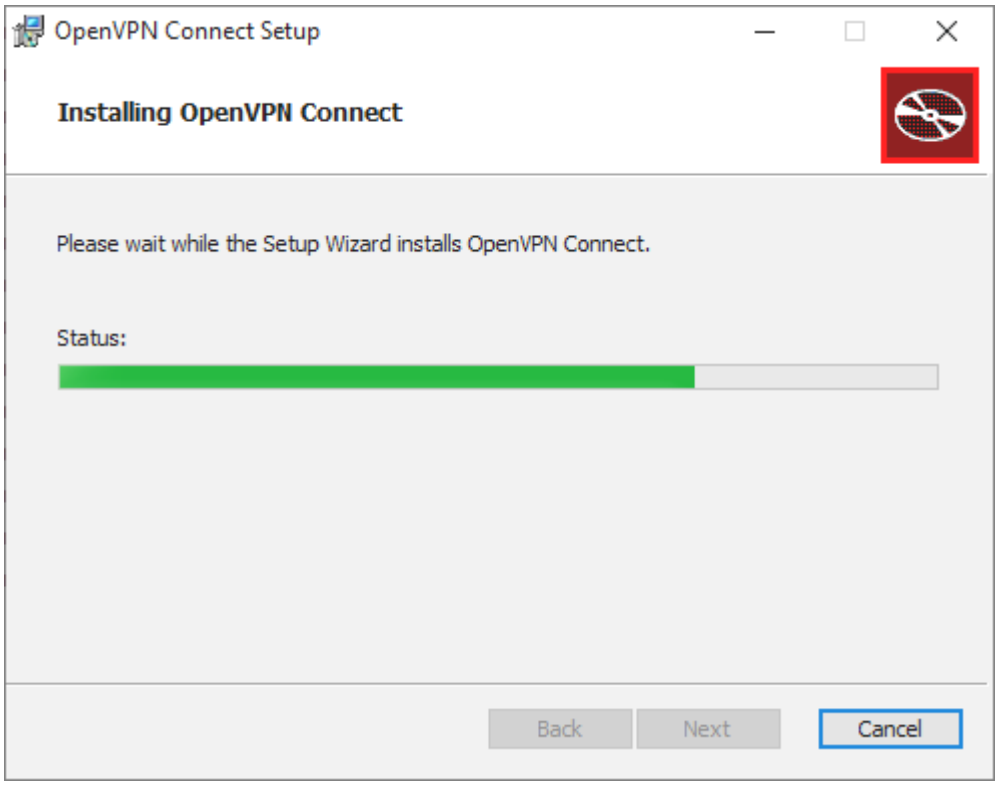
Run downloaded file and you can see the wizard



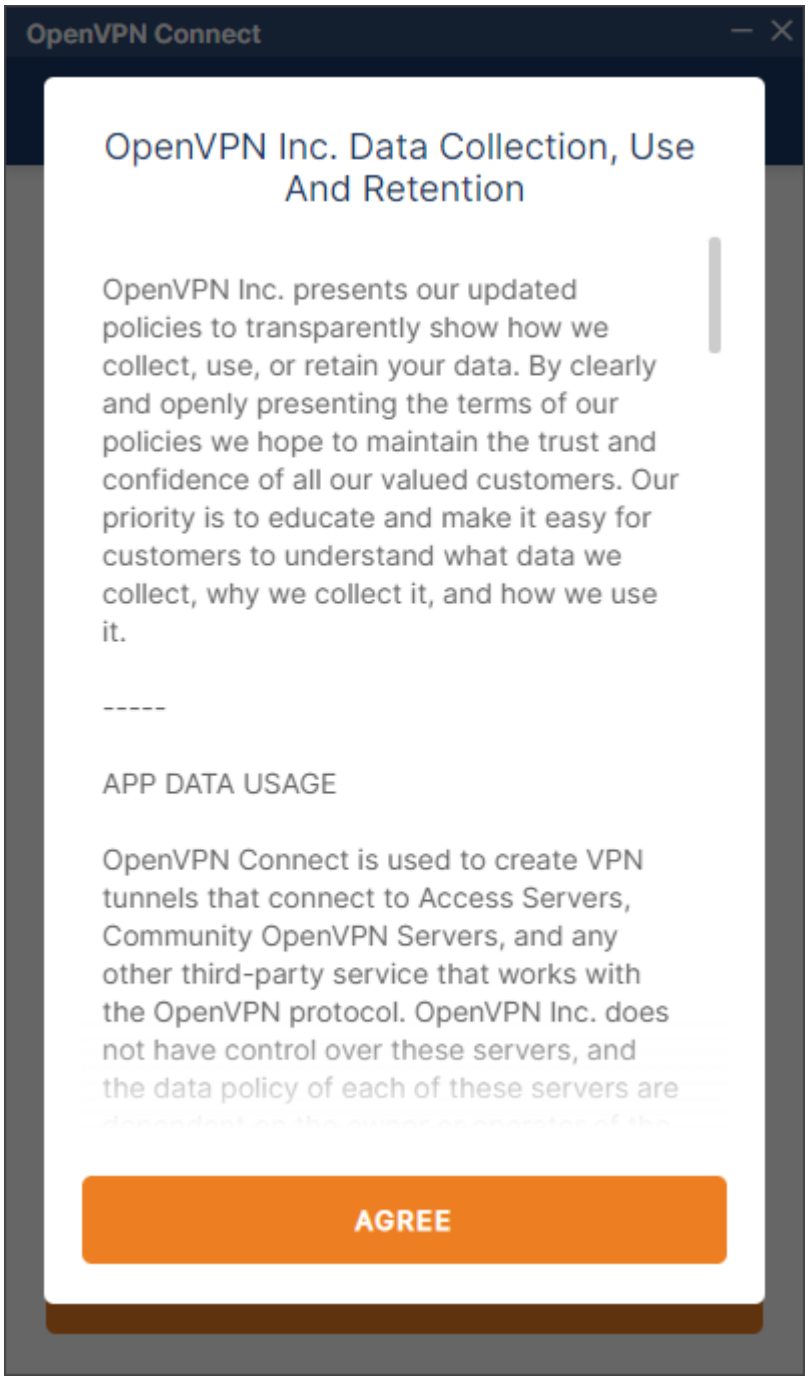

Accept the terms of use and follow the installation instructions:


OpenVPN Connect Setup
End-User License Agreement
Please read the following license agreement carefully
OpenVPN Connect EULA:
OpenVPN License
OpenVPN Connect End User License Agreement (OpenVPN Connect EULA)
1. Copyright Notice: OpenVPN Connect License; Copyright (c) 2009-2023 OpenVPN, Inc. All rights
I accept the terms in the License Agreement
Print
Back
Next
Cancel

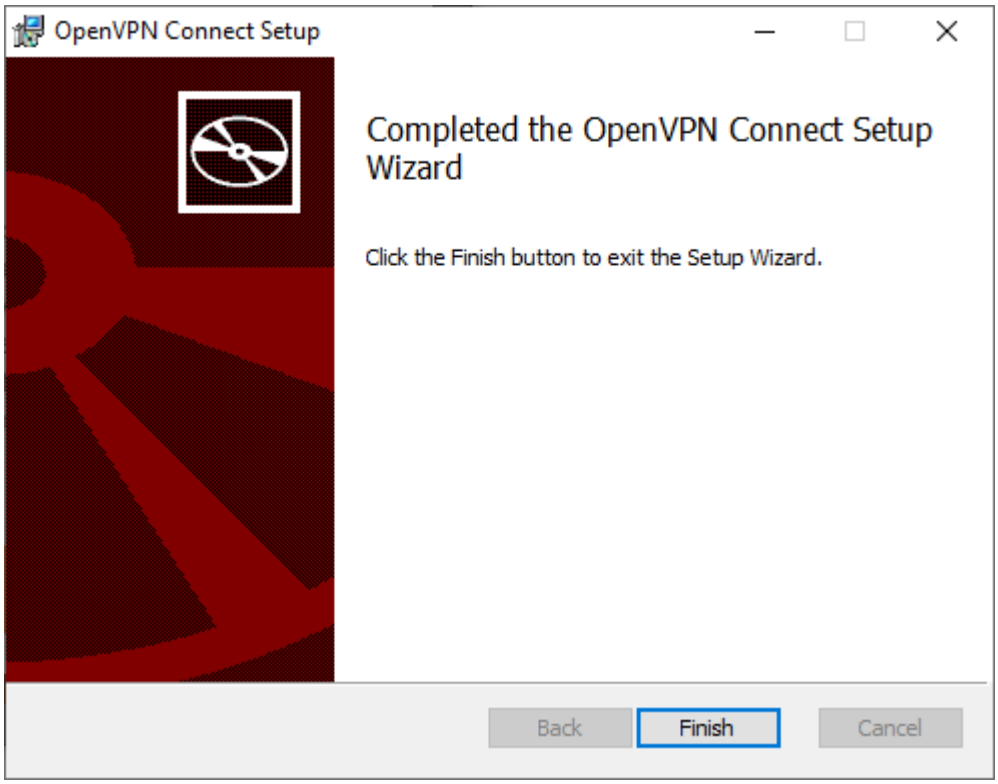


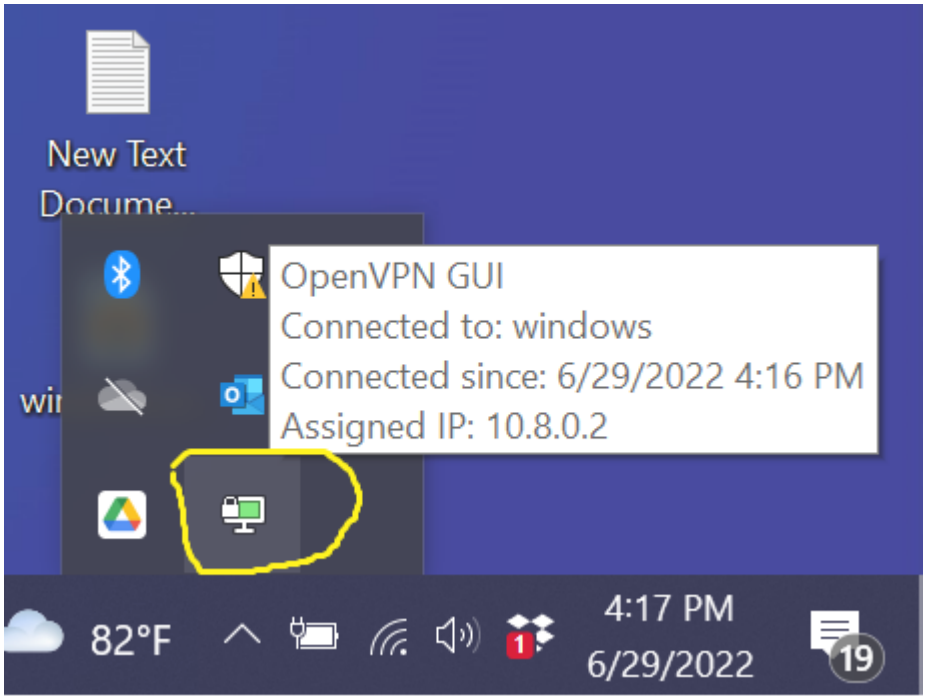

Accept the license




and finish installation.




With this you will already have the OpenVPN client installed on your personal computer.



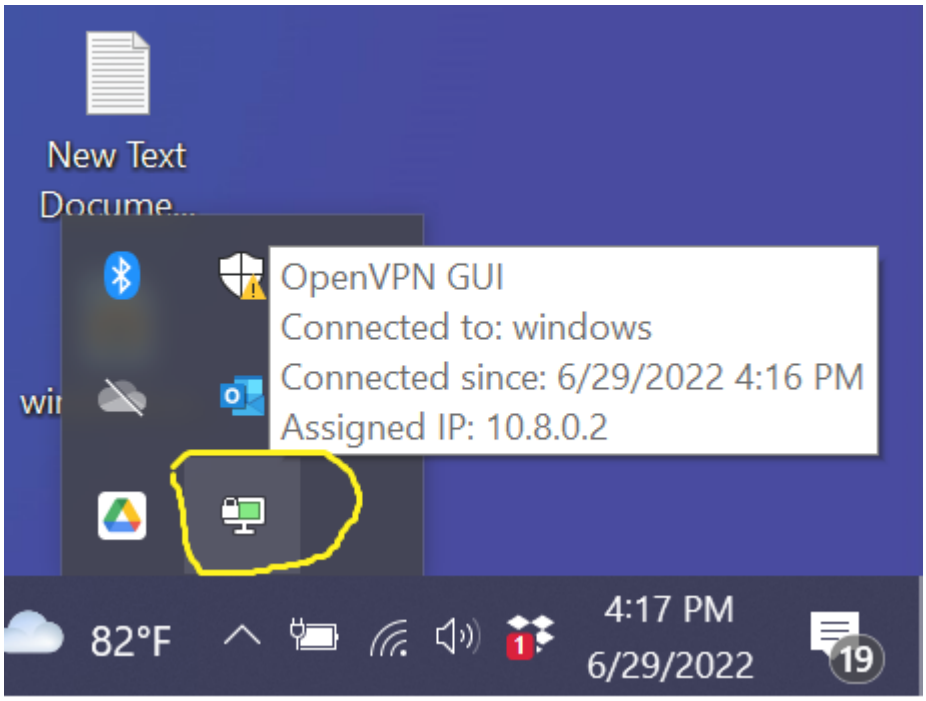
## Import VPN connection profile

After receiving the credentials encrypted with your gpg public key and decrypting you should all received files in the same directory before importing the configuration, for example:

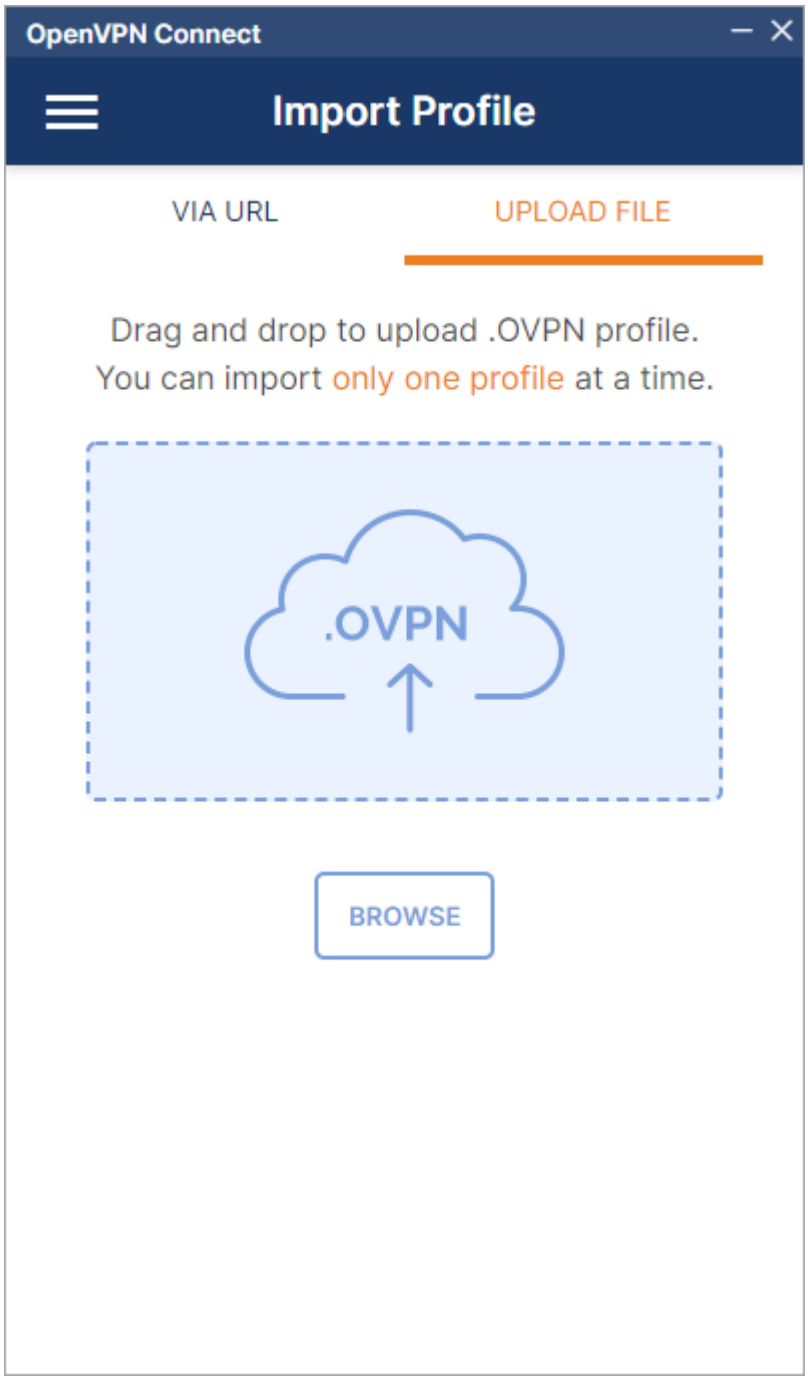
```
C:\Users\your_user\VPN\

      client_teide-XYYY
      ├── ca.crt
      ├── client.ovpn
      ├── README.txt
      ├── ta.key
      ├── teide-XYYY.crt
      └── teide-XYYY.key
```

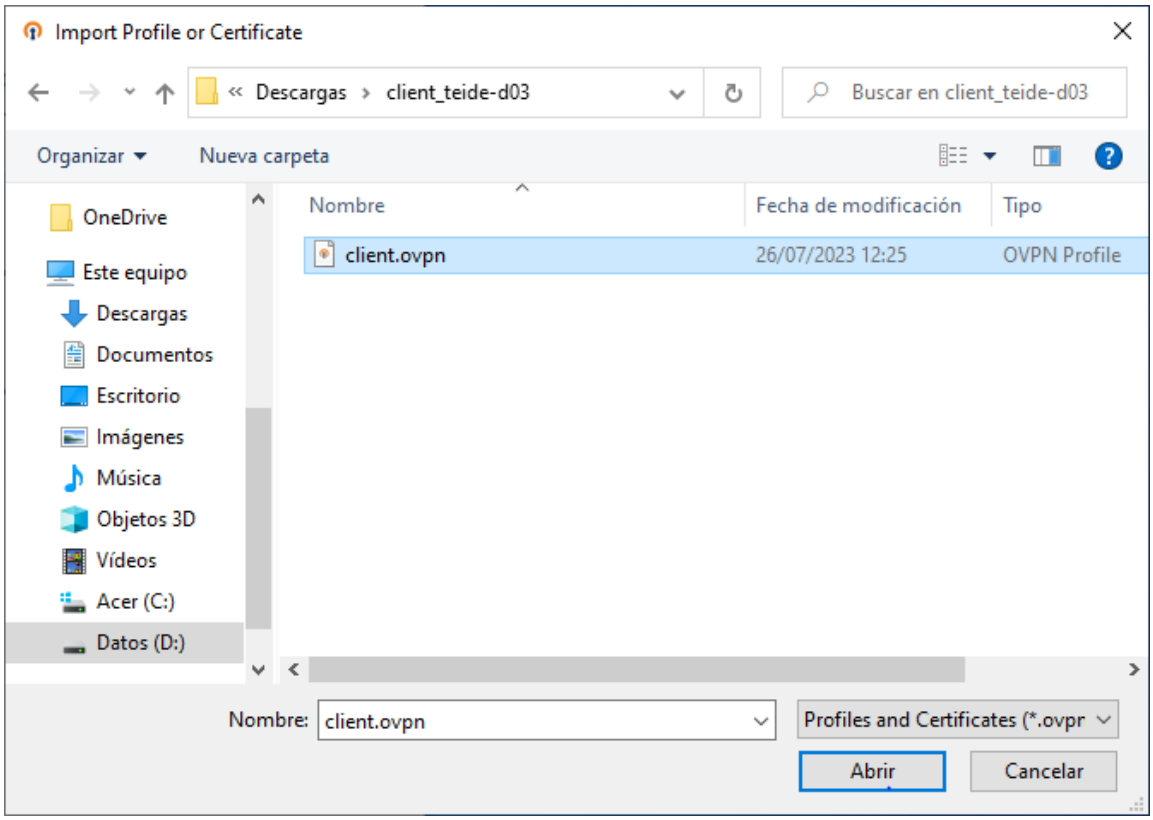
## Connect to VPN

Look for the OpenVPN client icon in the Windows notification area.

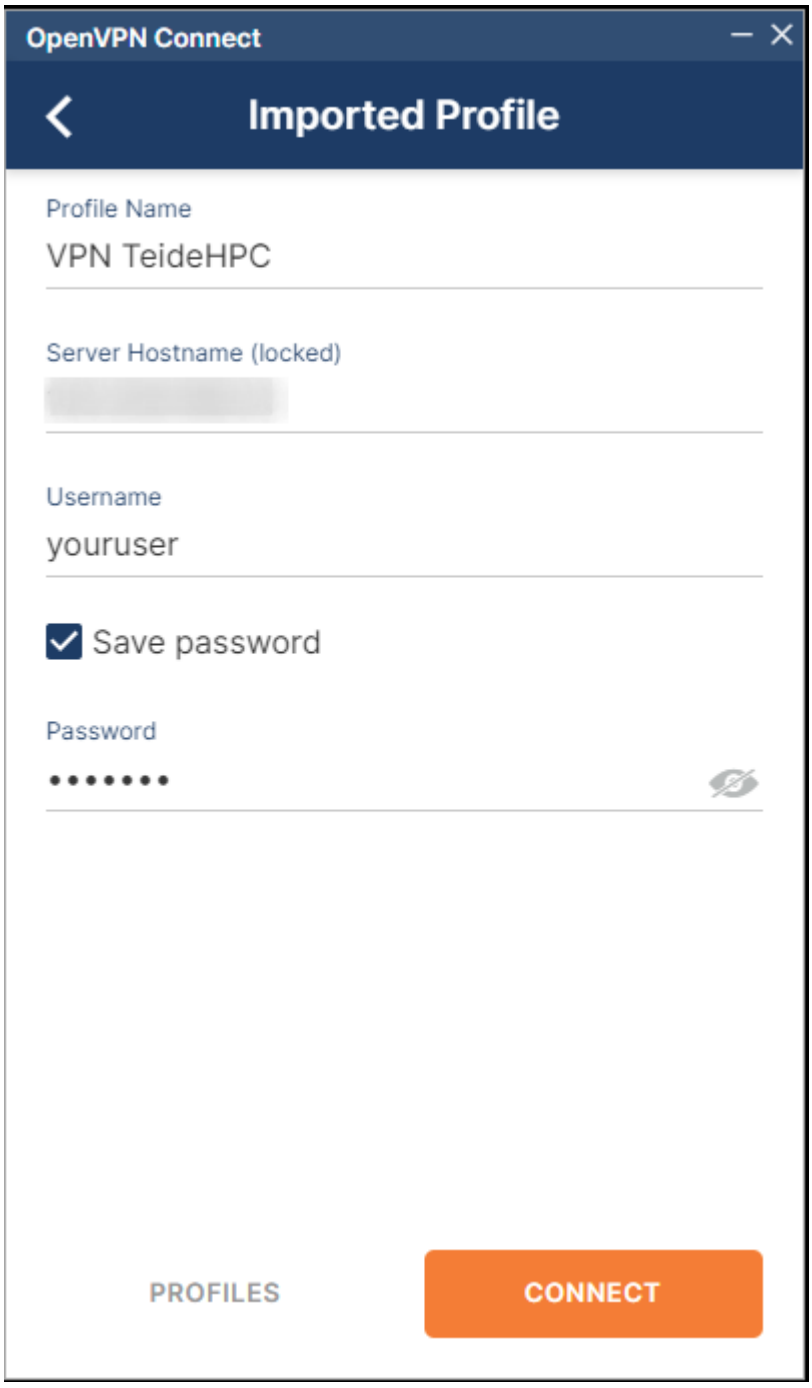



Once the application is open, you can configure the connection manually or the simplest thing is to import the *client.ovpn* file by dragging it, double-clicking on it, or by pressing the *BROWSE* icon

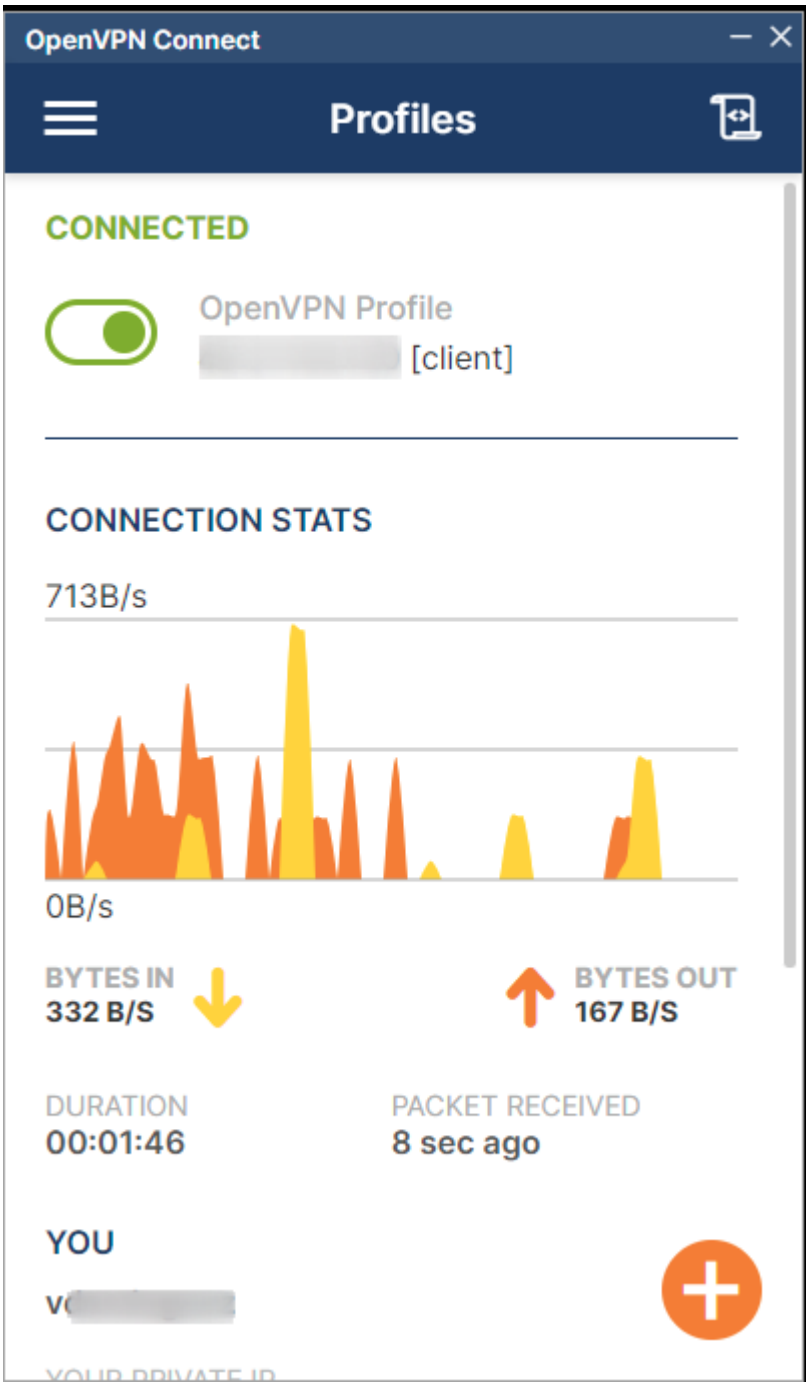

OpenVPN Connect
Import Profile
VIA URL
UPLOAD FILE
Drag and drop to upload .OVPN profile.
You can import only one profile at a time.
.OVPN
BROWSE




Once the credentials have been entered, the operate systema is ready to access the TeideHPC infrastructure.

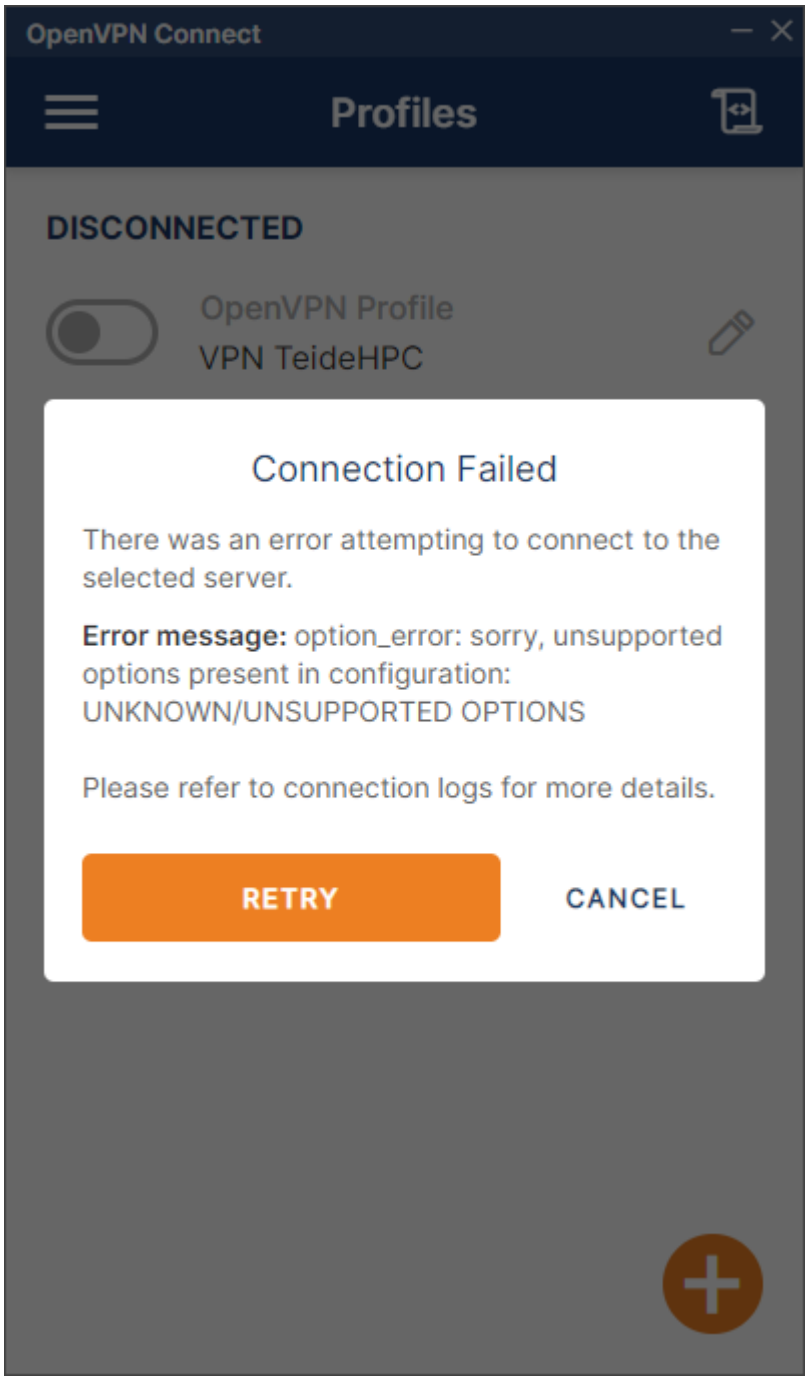



If your connection is successful you will see the following status on the created connection.

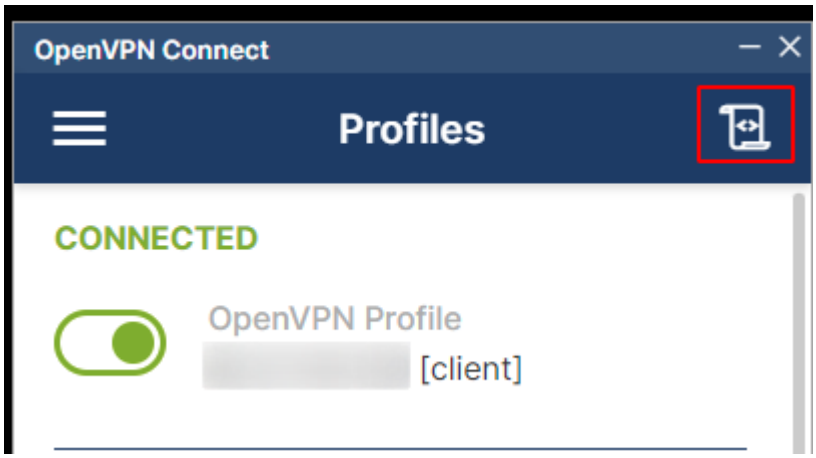



## OpenVPN logs for Windows clients.

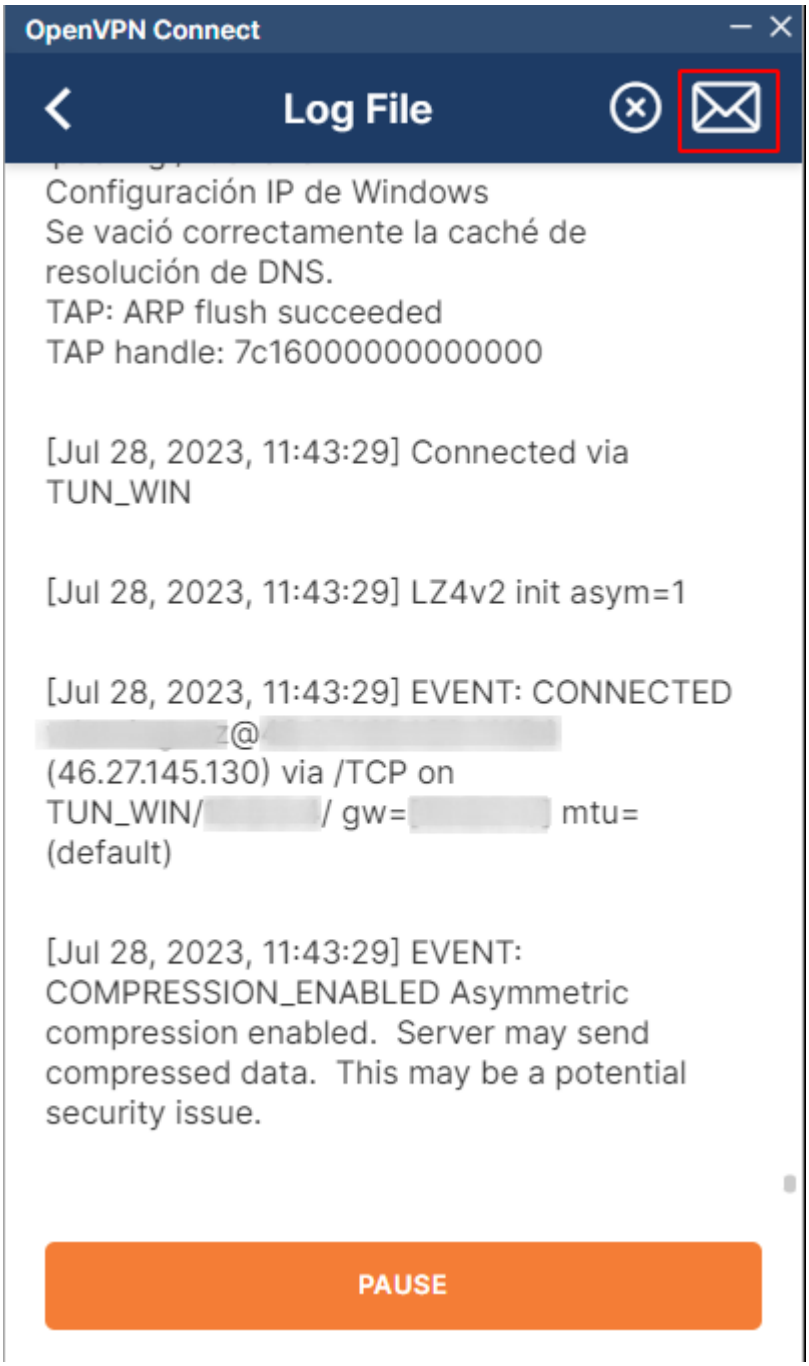
If there is a problem with the connection to the infrastructure, it is important to check the connection log.




If the connection is not successful, it will always contain the error information.




In case you cannot solve the problem yourself, we will always ask you for the full log, which you can export by clicking on the envelope.


OpenVPN Connect
Log File
Configuración IP de Windows
Se vació correctamente la caché de resolución de DNS.
TAP: ARP flush succeeded
TAP handle: 7c16000000000000
[Jul 28, 2023, 11:43:29] Connected via TUN_WIN
[Jul 28, 2023, 11:43:29] LZ4v2 init asym=1
[Jul 28, 2023, 11:43:29] EVENT: CONNECTED
(46.27.145.130) via /TCP on
TUN_WIN/
/ gw=
mtu=
(default)
[Jul 28, 2023, 11:43:29] EVENT: COMPRESSION_ENABLED Asymmetric compression enabled. Server may send compressed data. This may be a potential security issue.
PAUSE