

Setting up a VPN connection under Windows

You will need **additional** credentials to log in to FortiClient.

If you haven't enrolled a token via <https://mfa.hof-university.de/> yet, please visit our course on Moodle for detailed information:

<https://moodle.hof-university.de/course/view.php?id=5327>



If you have any questions, you can contact the IT Support:

phone: 09281 409 3666

email address: it-servicedesk@hof-university.de





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Download



To download the installation file, please go to the Fortinet page <https://www.fortinet.com/support/product-downloads> and select Product Downloads.

The screenshot shows the Fortinet website header with the logo and navigation links: ENTERPRISE, SMALL MID-SIZED BUSINESSES, SERVICE PROVIDERS, and PARTNERS. Below the header, there are categories: NETWORK SECURITY, CLOUD SECURITY, SECURITY OPERATIONS, ZERO TRUST ACCESS, NETWORKING AND COMMUNICATIONS, SECURITY-AS-A-SERVICE, and DISCOVER MORE. A red banner below the categories reads 'FortiGuard Outbreak Alerts: what you need to know about the latest cybersecurity attacks'. The main content area features the heading 'Free Trials and Product Downloads' and a box for '2021 GARTNER® MAGIC QUADRANT™ FOR WAN EDGE'. At the bottom, there are two buttons: 'Free Trials' and 'Product Downloads', with the latter highlighted by a yellow and red border.

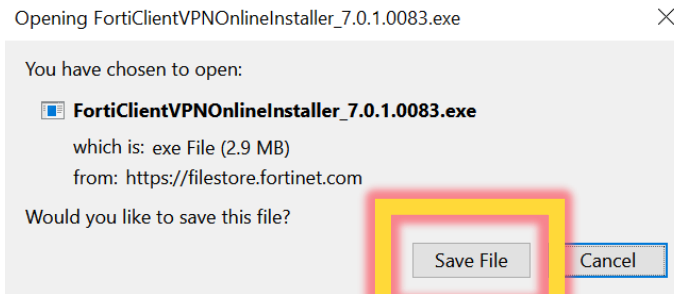
Download the appropriate installation file. Please make sure, that you download FortiClient VPN and not another version of the client.

The screenshot shows the FortiClient VPN download page. The header 'FortiClient VPN' is highlighted with a yellow and red border. Below the header, there is a text block stating: 'The VPN-only version of FortiClient offers SSL VPN and IPsecVPN, but does not include any support. Download the best VPN software for multiple devices.' Under the heading 'Remote Access', there are two checked items: 'SSL VPN with MFA' and 'IPSEC VPN with MFA'. Below this, there are six download buttons arranged in a 2x3 grid. The top row buttons are 'Download VPN for Windows', 'Download VPN for MacOS', and 'Download VPN for Linux'. The bottom row buttons are 'Download VPN for iOS', 'Download VPN for Android', and 'Download VPN for Linux'. The 'Download VPN for Windows' button is highlighted with a yellow and red border.

Installation



Save and run the file.



It is possible that the security settings of your Windows device prevent the execution of the file, to execute the file anyway please select More Info.



Installation



Please select Run anyway.

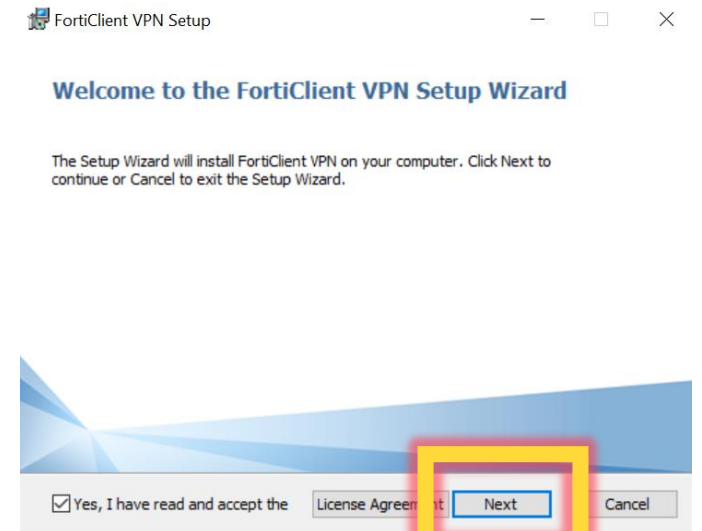


Wait until FortiClient completes the download.

FortiClient Installer



Please select **Yes, I have read and accept the License Agreement** and click on **Next**.



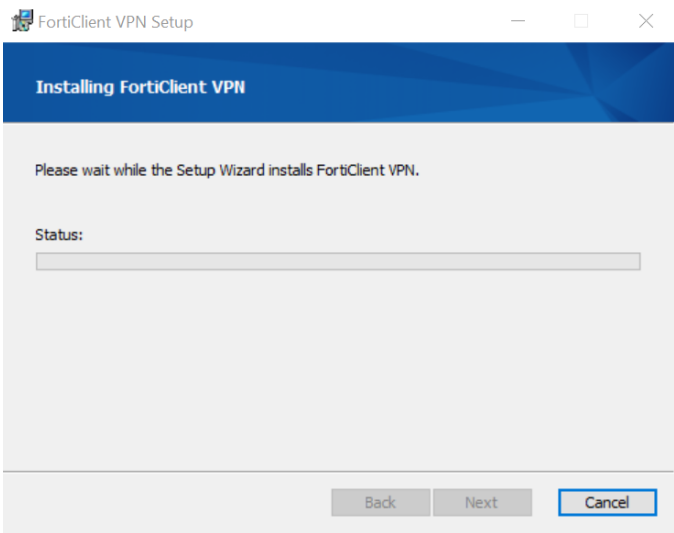
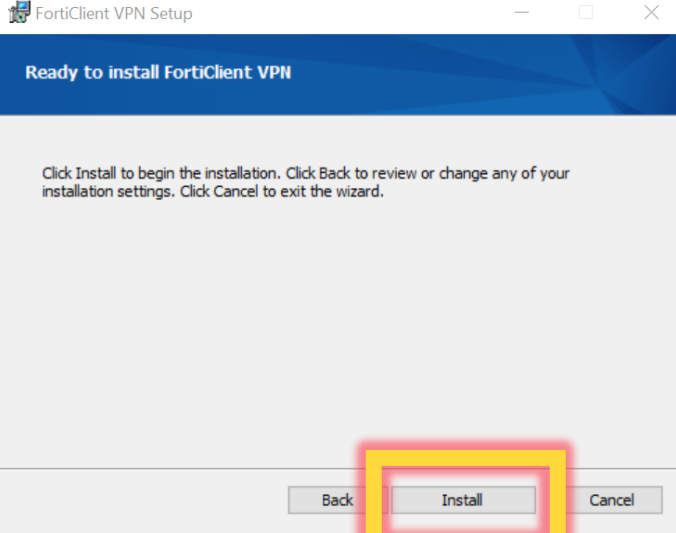
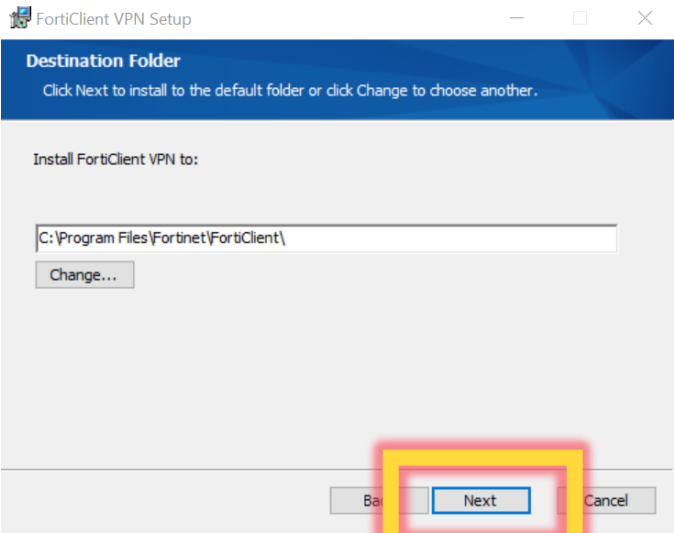
Installation



Click on **Next**.

Select **Install**.

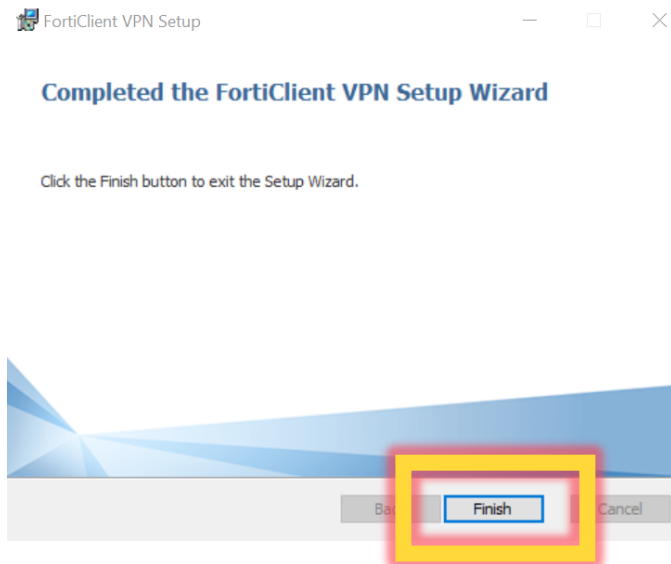
Wait until the installation is complete.



Installation



Now you can finish the installation.



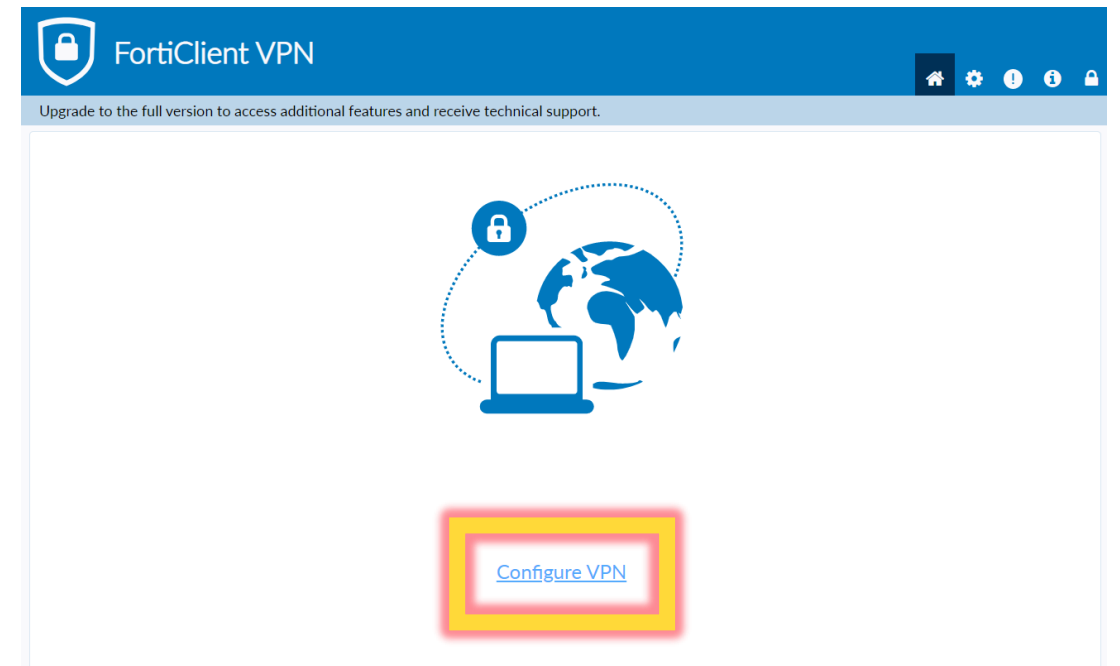
Configuration



In order to use the VPN connection, you still need to configure the FortiClient. Start the application and confirm the license agreement.



Now you can configure the application.



Configuration



Select the SSL VPN section and enter any name, e.g. „HAW Hof. Crucial is the address of the **Remote Gateway**, here please enter the following:

vpn-2.hof-university.de

Finally, please save the settings.

New VPN Connection

VPN: **SSL-VPN** | IPsec VPN | XML

Connection Name: HAW Hof

Description:

Remote Gateway: vpn-2.hof-university.de ✕

+Add Remote Gateway

☐ Customize port: 443

☐ Enable Single Sign-On (SSO) for VPN Tunnel

Client Certificate: None

Authentication: ☒ Prompt on login ☐ Save login

☐ Enable Dualstack IPv4/IPv6 address

Cancel Save

There is one more setting to adjust, click on the lock icon in the upper right corner.

FortiClient VPN

Upgrade to the full version to access additional features and receive technical support.

VPN Name: HAW Hof

Username:

Password:

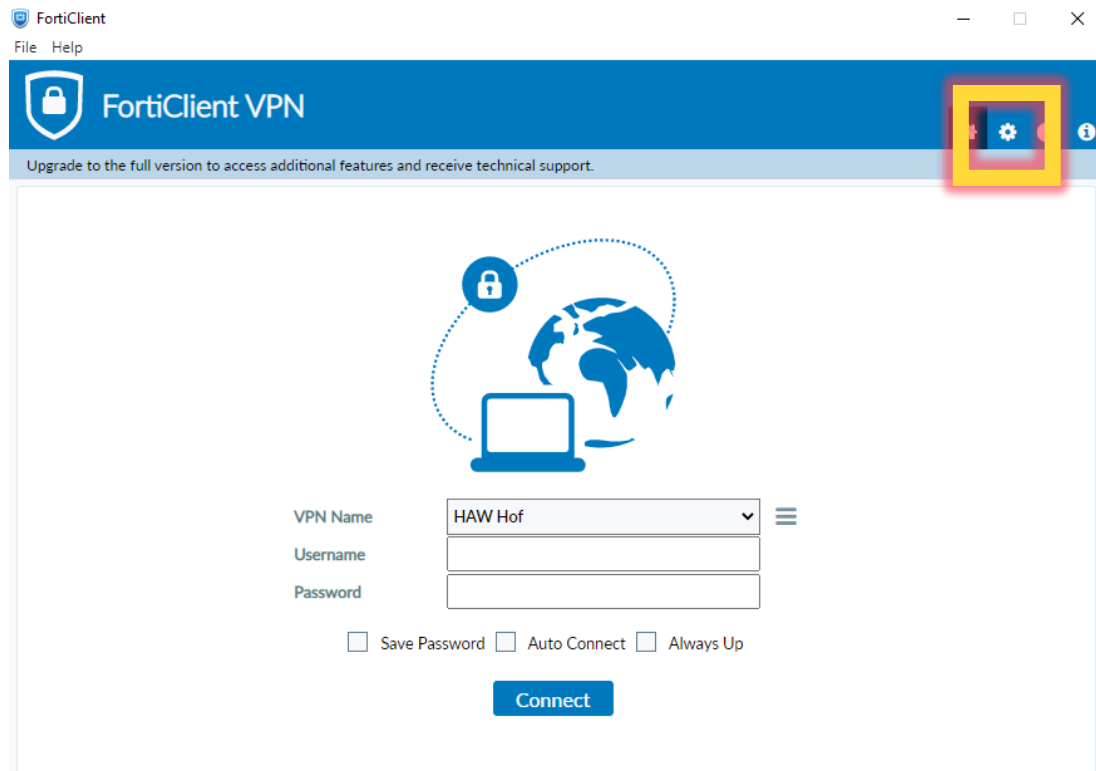
☐ Save Password ☐ Auto Connect ☐ Always Up

Connect

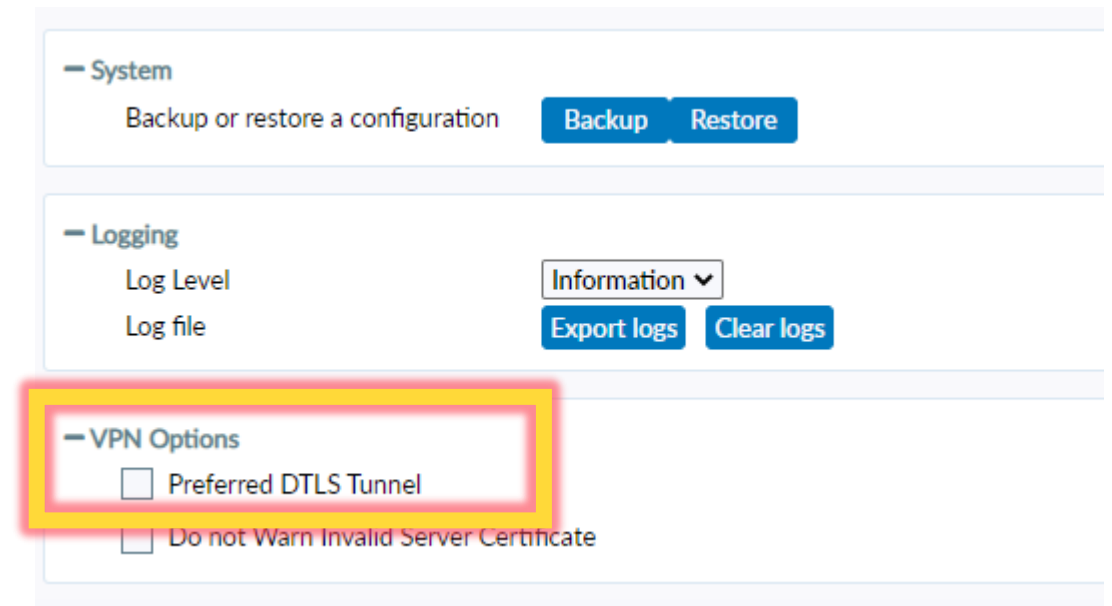
Configuration



Now please click on the gear icon in the upper right corner.



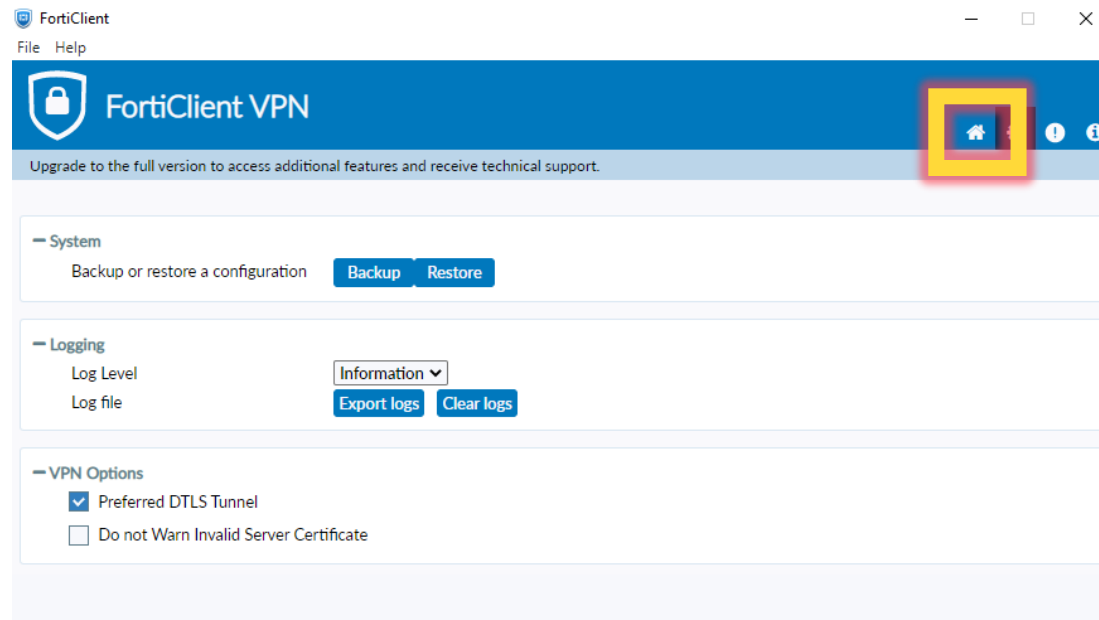
Now set a checkmark by **Preferred DTLS Tunnel**.



Configuration



Finally, please click on the house icon in the upper right corner.



Logging in



Now you can establish a VPN connection. To do this, enter your username and the university password.

FortiClient

File Help

FortiClient VPN

Upgrade to the full version to access additional features and receive technical support.

VPN Name: HAW Hof

Username: amuster

Password:

☐ Save Password ☐ Auto Connect ☐ Always Up

Connect

Please launch the Authenticator App and enter the one-time password (6-digits) in the **Answer** field. Please click on OK to activate the connection.

please enter otp: , please enter otp: , please enter otp: , please enter otp:

VPN Name: HAW Hof

Username:

Password:

Answer: |

OK Cancel

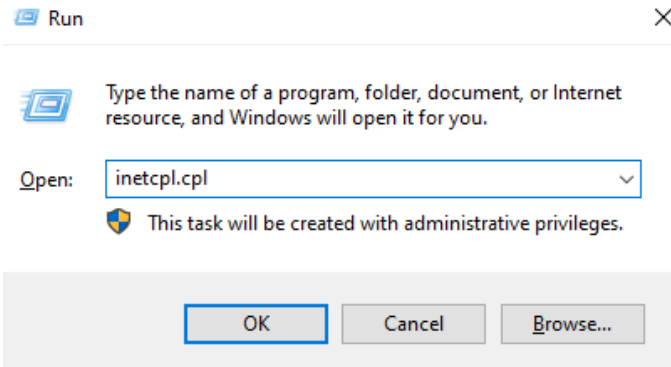
Troubleshooting



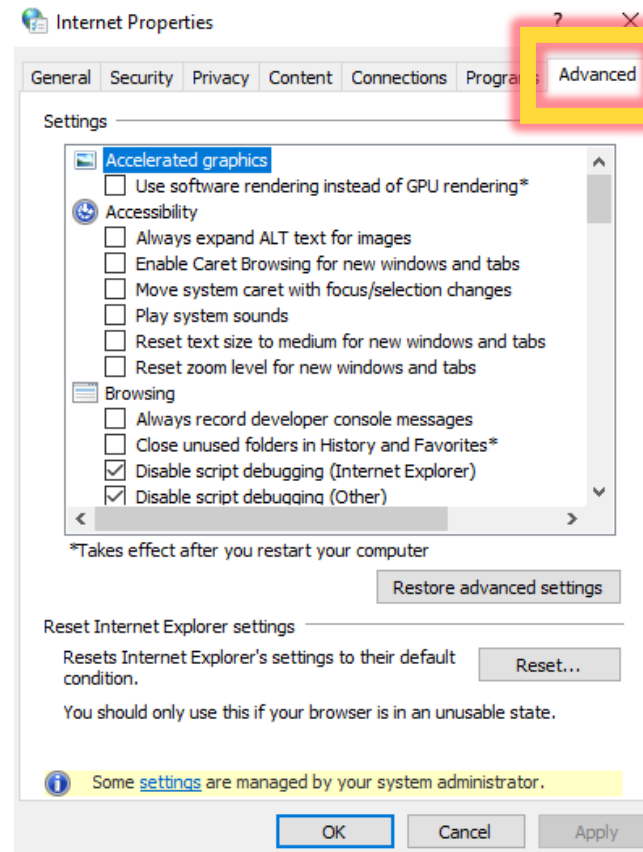
If you receive the following error message:
The server you are connecting to requires identification, please select a certificate.

(-5)

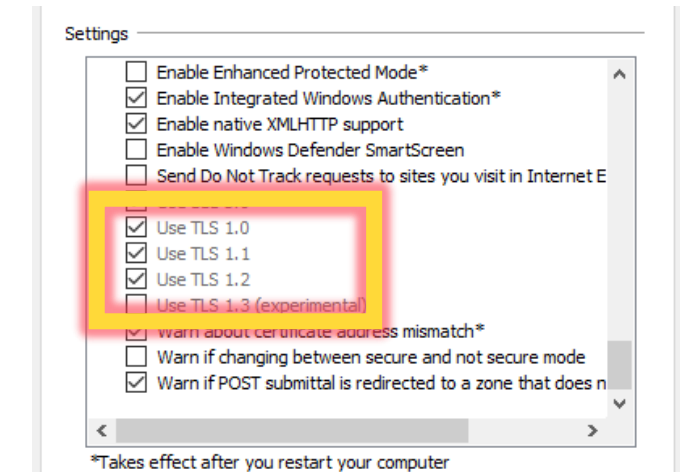
Press the following key: Windows and R
and type in `inetcpl.cpl`



Click on Advanced.



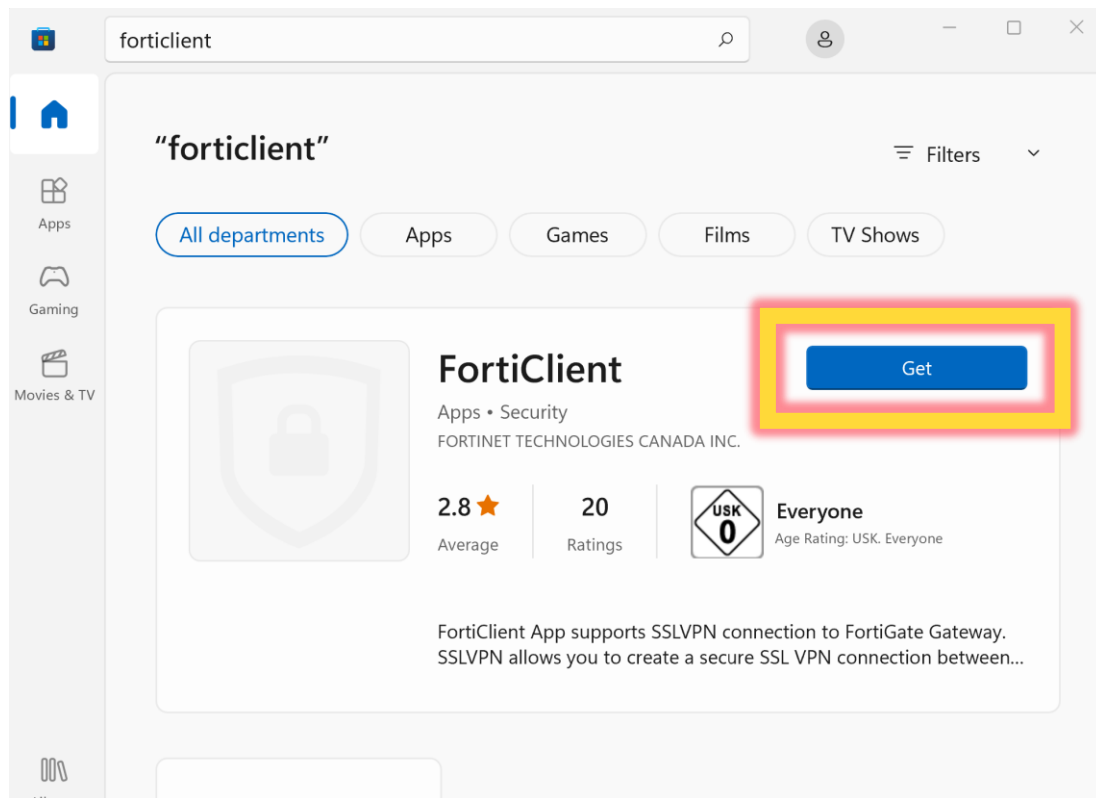
Scroll until you see the TLS settings and check the box for TLS 1.1 and 1.2.



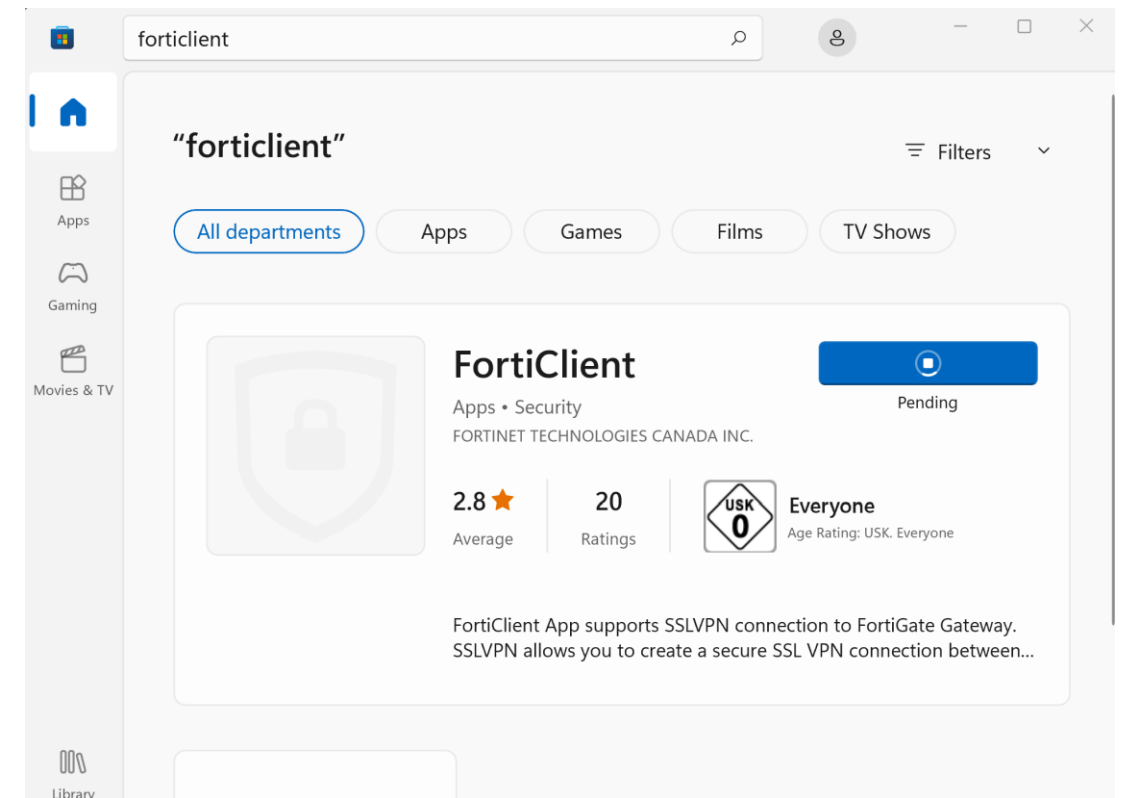
Alternative: Downloading the application from the Windows Store



If you encounter problems installing the downloaded file, you can download FortiClient from the Windows Store. To do this, launch the app and search for FortiClient and download the application.



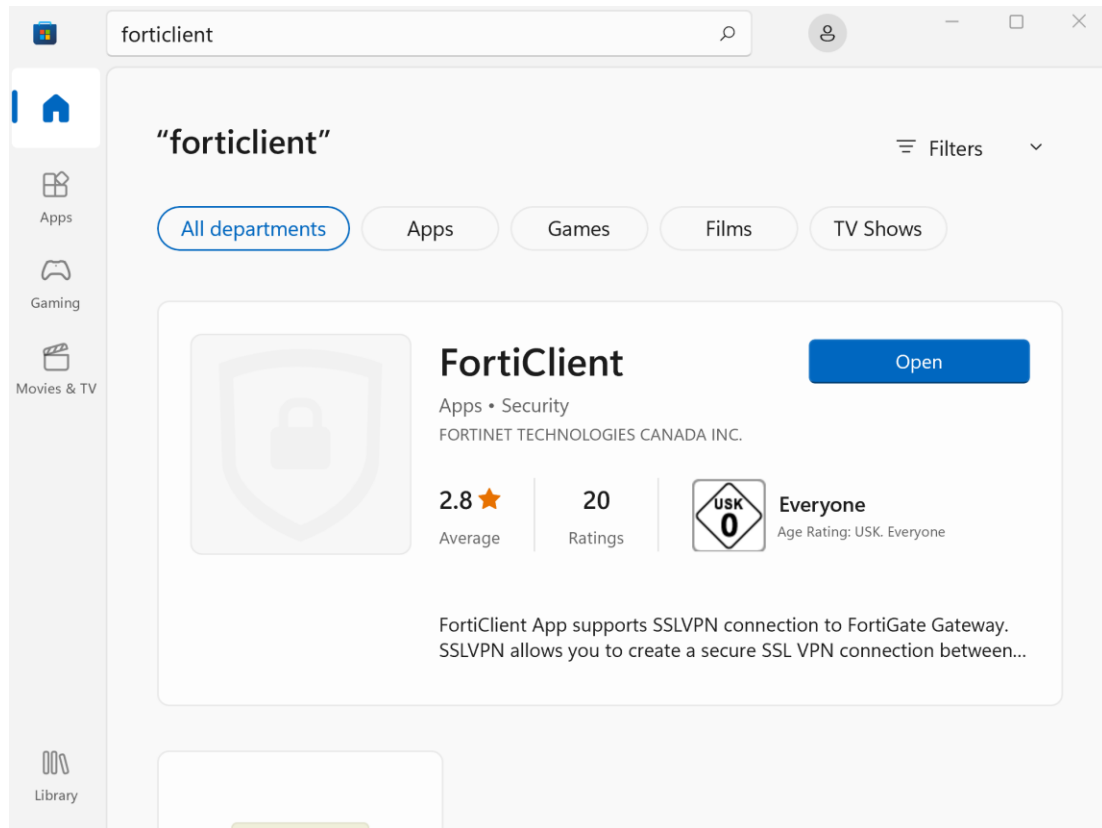
Please wait until the installation is complete.



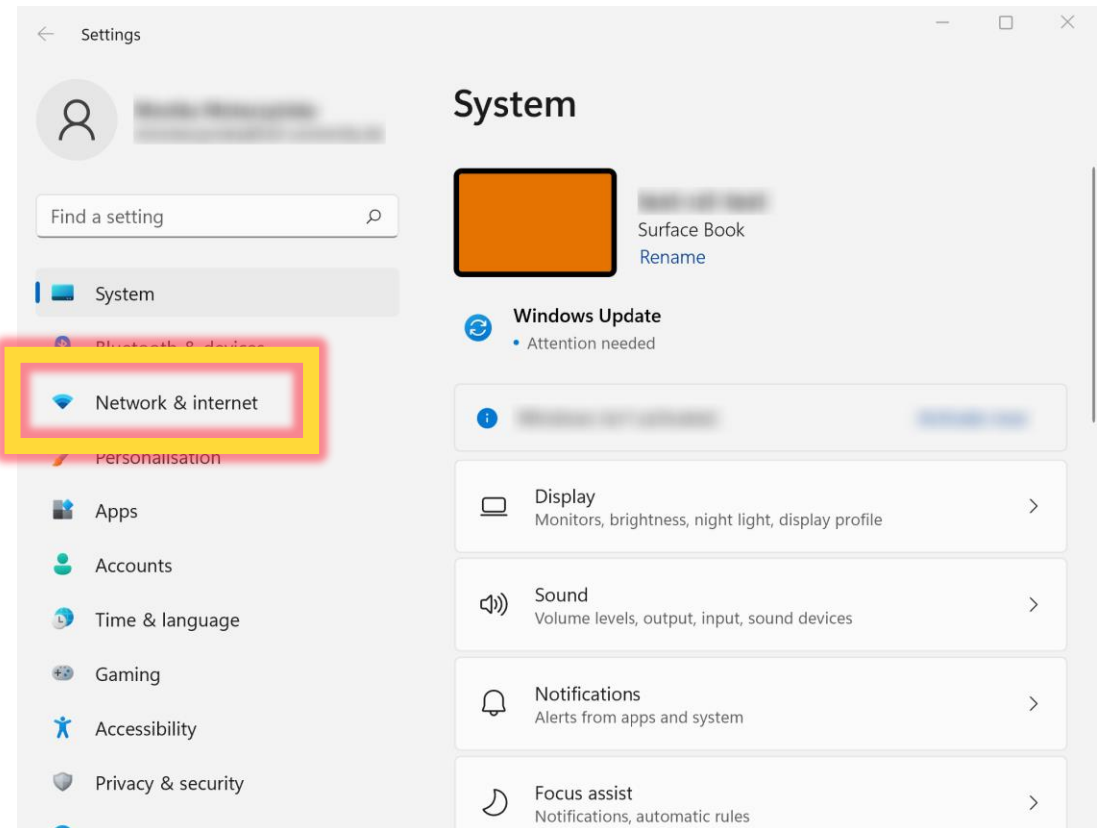
Alternative: Downloading the application from the Windows Store



Now you can close the window.



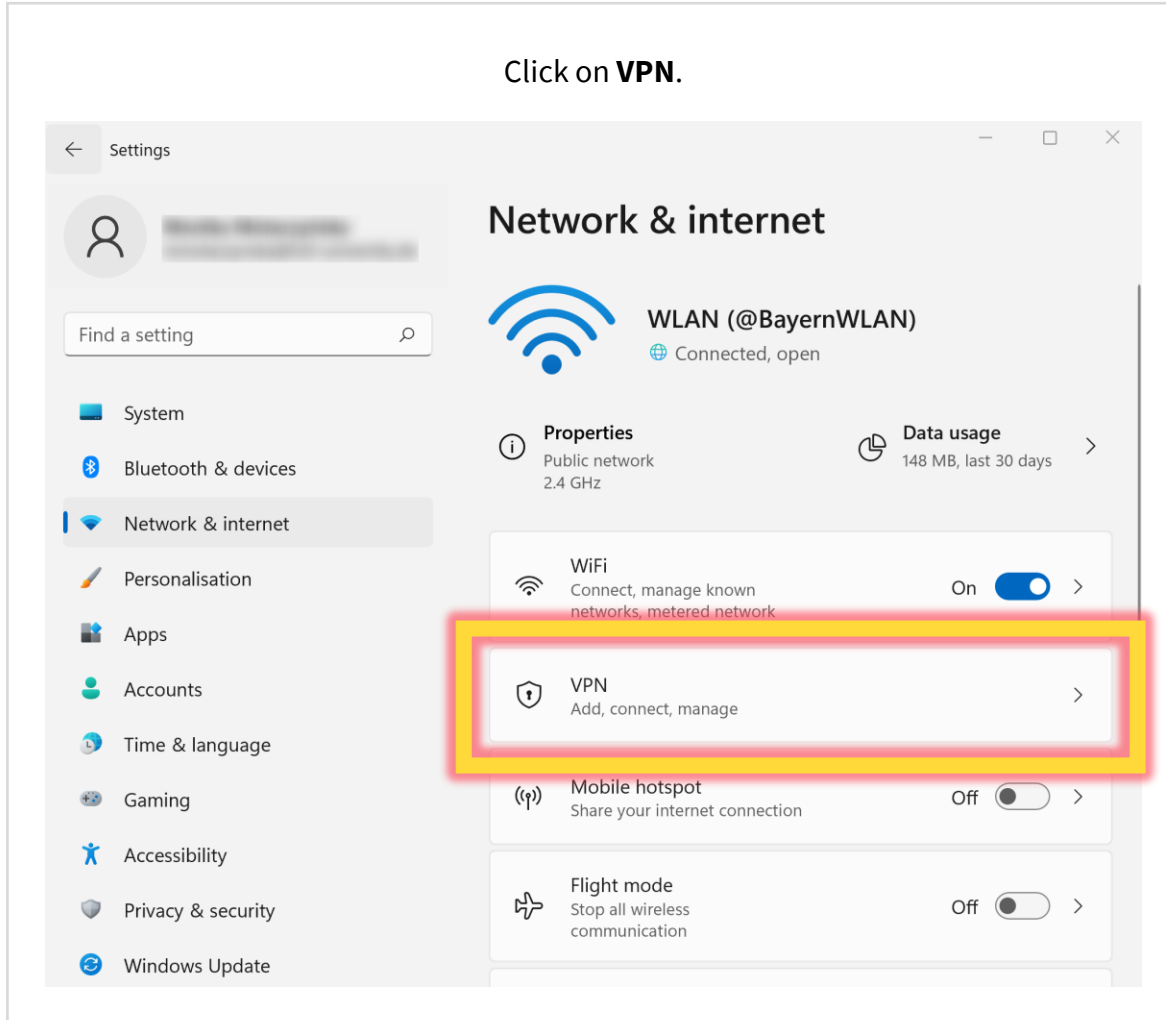
Start the System Settings and click on Network and Internet. Alternatively, you can type VPN in the search bar.



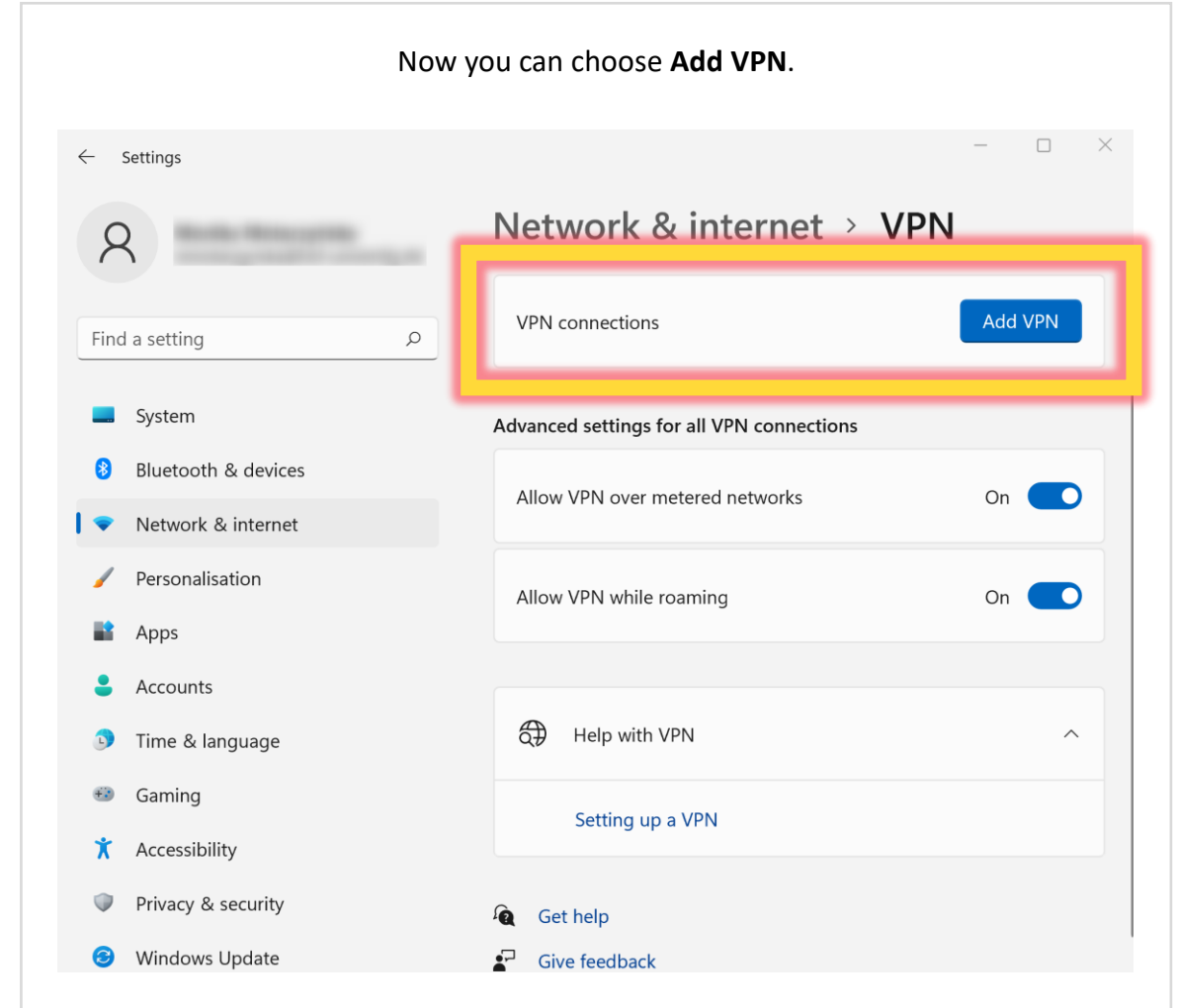
Alternative: Downloading the application from the Windows Store



Click on **VPN**.



Now you can choose **Add VPN**.



Alternative: Downloading the application from the Windows Store



Now you can configure the VPN connection.

Add a VPN connection

VPN provider

FortiClient

Connection name

HAW Hof

Server name or address

vpn-2.hof-university.de

Type of sign-in info

Username and password

Username (optional)

Password (optional)

Save

Cancel

To configure your VPN please follow these steps:

- choose FortiClient from the **VPN Provider** drop-down list
- enter any connection name e.g., HAW Hof
- enter **Server name or address:**
vpn-2.hof-university.de

Now you can click on **Connect** and enter your university credentials.

Network & internet > VPN

VPN connections

Add VPN

HAW Hof
Not connected

Connect

Windows Security

Sign in

amuster

.....

Domain:

OK

Cancel