

Computer setup

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Pre-course

Agenda

1. WiFi
2. VPN
3. Python
4. VSCode

(useful for both GL & CL students)

WiFi

WiFi name: **eduroam**

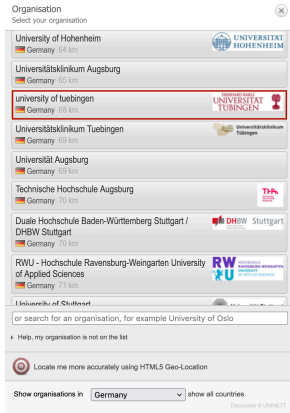
Desktop (all operating systems):

1. connect to 'UTguest' so you can access the web
2. go to <https://cat.eduroam.org/>
3. click on the big blue button that says 'Click here to download your eduroam installer'

The screenshot shows the eduroam Configuration Assistant Tool website. At the top, there is a navigation bar with links: Start page, About, Language, Help, Manage, and Terms of use. The main header features the eduroam logo and the text "Configuration Assistant Tool". Below this, a large banner image shows three people looking at a tablet. Overlaid on the banner is the text: "eduroam® Installation made easy: MS Windows 11, 10, 8, 7, Vista. Custom built for your organisation. Digitally signed by the organisation that coordinates eduroam®: GÉANT Association". To the right of the banner is a small window titled "Welcome to the eduroam installer" showing a welcome message and a "Next" button. Below the banner, the text reads: "Welcome to eduroam CAT. Connect your device to eduroam®. eduroam® provides access to thousands of Wi-Fi hotspots around the world, free of charge. [Learn more](#)". A large blue button with the text "Click here to download your eduroam® installer" is centered below this text. At the bottom, there is a footer with small text: "eduroam CAT Release CAT 2.2 © 2011-2025 GÉANT Association on behalf of the GÉANT Projects funded by EU and others Full Copyright and Licenses eduroam® Privacy Notice". To the right of the footer are the GÉANT logo and the text "European Commission Communications Networks, Content and Technology".

WiFi cont.

4. find & click on 'university of tuebingen'



5. click on the big blue button that says 'eduroam'; you will be prompted to download a file; download it



Start page

university of tuebingen

If you encounter problems, then you can obtain direct assistance from your organisation at:
email: support@zdv.uni-tuebingen.de

This entry was last updated at: 2025-06-05 08:31:41



Download your installer for Apple device



Choose another installer to download



WiFi cont.

steps 6-7 are ONLY for Win11; do NOT do them if you are NOT on Win11

6. double-click on the downloaded file & follow the instructions; if a warning along the lines of 'you are about to install ... Hellenic Academic and Research Institutions RootCA 2015' pops up, click on 'yes'
7. enter your username in the form of `zx#####@uni-tuebingen.de` and your password

eduroam® Installationsprogramm für Universität Tübingen

Benutzerdaten

Benutzername: @uni-tuebingen

Passwort:

Passwort wiederholen:

Nullsoft Install System v3.08-2

Installieren Abbrechen

WiFi cont.

these steps are for all operating systems again

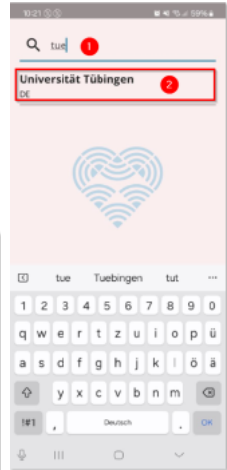
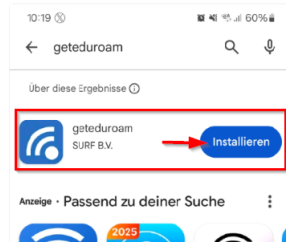
8. go to settings, WiFi, select 'eduroam'; **Win11 users are now connected & done here.**
9. **all other operating systems:** enter your username in the form of `zx#####@uni-tuebingen.de` and your password, done.

WiFi cont.

Mobile (Android):

1. download 'geteduroam' from the Play Store
2. open the app, find & select 'Universität Tübingen'
3. enter your username in the form of `zx#####@uni-tuebingen.de` and your password, press save
4. close the app, done.

if this does not work, download the file from <https://cat.eduroam.org/> like for desktop and open it using the 'geteduroam' app



WiFi cont.

Mobile (iOS, iPadOS):

1. open settings, WiFi
2. tap 'eduroam'
3. enter your username in the form of `zx#####@uni-tuebingen.de` and your password
4. press 'trust', done

if this does not work:

1. download the file from <https://cat.eduroam.org/> like for desktop
2. go to settings, general, vpn & device management, or 'profile downloaded' might show up in your settings directly
3. tap the downloaded eduroam profile, tap install
4. enter your username in the form of `zx#####@uni-tuebingen.de` and your password
5. press next, 'trust' if prompted, done.

WiFi cont.

Find the official WiFi instructions and troubleshooting tips [here](#).

VPN

- ▶ what is it? It connects your device to a network (the uni's internal network)
- ▶ why should you set it up? To be able to access content remotely that is otherwise only accessible when you are here and connected to the uni WiFi, like book pdfs from the uni library platform

VPN cont.

Desktop (Windows):

1. find 'VPN' in the settings using the search function, click on 'add VPN'
2. set the fields that show up:
 - ▶ VPN provider: **Windows (integrated)**
 - ▶ connection name: **up to you**
 - ▶ server name or IP address: **vpn.uni-tuebingen.de**
 - ▶ VPN type: **SSTP**
 - ▶ username & password: **enter your username in the form of zx#####@uni-tuebingen.de and your password**

VPN-Verbindung hinzufügen

VPN-Anbieter
Windows (integriert)

Verbindungsname
SSTP_UniTübingen

Servername oder IP-Adresse
vpn.uni-tuebingen.de

VPN-Typ
Secure Socket Tunneling-Protokoll (SSTP)

Anmeldeinformationstyp
Benutzername und Kennwort

Benutzername (optional)
zx#####

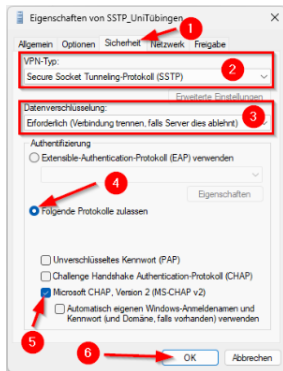
Kennwort (optional)
.....

Speichern Abbrechen

VPN cont.

1. Win11: open 'Control Panel', 'network and sharing center' (if this is not visible, click 'network and internet' first), 'change adapter settings'
2. right-click the VPN connection you just created, click on 'properties'
3. in the window that opens, click on the tab called 'security' & set the fields:
 - ▶ VPN type: **SSTP**
 - ▶ data encryption: **required**
 - ▶ authentication: **click on 'allow these protocols' & click on the checkbox next to 'Microsoft CHAP Version 2 (MS-CHAP v2)'**

4. try connecting to the VPN via settings, VPN, select the VPN you just created, done.



VPN cont.

Desktop (macOS):

1. download the macOS configuration file called 'vpn-uni-tuebingen-2024.mobileconfig' from [here](#); it might open automatically, or you have to double-click on it
2. you might get a notification to check out the file in the settings, or go there manually by via settings, privacy & security, profiles
3. click on 'install', 'ignore' if it says the profile is not signed
4. enter your username in the form of `zx#####`
5. enter your computer's password

VPN cont.

6. open settings, network, click on the button with the 3 dots, click on 'set service order'
7. drag the VPN connection you just created to the top of the list
8. go to settings, VPN
9. click on the i in the circle next to your VPN connection, enter your university password in the 'password' field
10. try connecting to the VPN, done.

VPN cont.

Find the official VPN instructions (also for mobile) and troubleshooting tips [here](#).

Python

- ▶ what is it? A programming language
- ▶ why should you install it? You will need it for the course 'Programming and Data Analysis' in the module 'Methods I'

Python cont.

Desktop (all operating systems):

1. check if you already have Python by opening the app 'Command Prompt' (Windows)/'terminal' (macOS), typing `python --version`, and pressing enter
2. if the version is NOT 3.x or you get an error, follow the next steps
3. download Python from [here](#) (yellow button), open it, follow the instructions
4. check if you successfully installed Python by doing step 1 again, which should now give you a version number, done.

VSCode

- ▶ what is it? a simple code/text editor
- ▶ why should you install it? You can use it to do your assignments for 'Programming and Data Analysis'; your instructor might ask you to use a different editor though

VSCode cont.

1. Download the correct version of VSCode for your operating system from [here](#), open it, follow the instructions, done.
2. Go to 'extensions' by clicking on the icon with the 4 squares on the left
3. search for 'python' and install the extension called 'Python' by Microsoft, or click [here](#) and click on the green 'install' button, done.