Eduroam
Setup under
Windows 10
*English version*

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English version of the manual

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Before being able to use Eduroam, you must configure the WiFi interface of your PC once.

1 Configuration

To start the configuration procedure, click the Windows icon in the lower left corner of the screen and then click on the settings button.

Then select

➢ Network & Internet
➢ Network and Sharing Centre

In the left sidebar, click

➢ Change adapter settings

Right-click

➢ WiFi

and then choose

➢ Properties
On the **Networking** tab, **uncheck** the option
- [ ] Internet Protocol Version 6 (TCP/IPv6)
and check the option
- [x] Internet Protocol Version 4 (TCP/IPv4)

Then click the
- Properties
button below the list.

Make sure that both addresses are obtained automatically (the corresponding radio buttons must be selected).

Then click
- OK
- Close

This will close the WiFi Properties dialog box. Go back to the Network and Sharing Centre dialog box.
Here, choose

- Set up a new connection or network
- Manually connect to a wireless network
- Next

Enter the following data in the dialog box that opens:

- **Network name:** eduroam
- **Security type:** WPA2-Enterprise
- **Encryption type:** AES

You may also check the option

- **Start this connection automatically**
- Next

Choose a connection option

- Manually connect to a wireless network
- Next

Successfully added Eduroam

→ Change connection settings

Open the connection properties so that I can change the settings.
2 Connection Settings

On the **Connection** tab, you can set the option to connect automatically when the network is in range.

Then switch to the **Security** tab.

**Uncheck** the option

- Remember my credentials for this connection ...

Then click

- Advanced settings

On the **802.1X settings** tab, check the following option:

- Specify authentication mode:
  - User or computer authentication

On the **802.11 settings** tab, make sure that the following option is checked:

- Enable Pairwise Master Key (PMK) caching

- OK
3 Authentication

Back in the Eduroam Wireless Network Properties dialog box, click the Settings button next to Microsoft: Protected EAP (PEAP).

For safe access to Eduroam, the University provides the OHM CA certificate.

To be able to use it, the following option must be checked:

- Verify the server’s identity by validating the certificate

From the Trusted Root Certification Authorities list, select:

- T-TeleSec GlobalRoot Class 2

In the lower part of the tab, activate the checkbox

- Enable Identity Privacy

In the input field next to it, enter:

- anonymous

Subsequently, click the Configure button below Select Authentication Method.

Uncheck the option

- Automatically use my Windows logon name ...
Then close all dialog boxes of the Network and Sharing Centre.

4 Establishing the Connection

To establish a connection to Eduroam, click the Wi-Fi icon in the right half of the taskbar.

Select

- Eduroam
- Connect

5 Logon

Once the connection has been established, you will be prompted to enter your user data.

The Eduroam user name is composed of

- the user name you are also using for logging on to the university’s PCs, and
- the domain @th-nuernberg.de

Examples:

Student Erika Mustermann must enter: mustermanner12345@th-nuernberg.de
Prof. Dr. Elfriede Musterfrau must enter: musterfrauel@th-nuernberg.de

Do not use your e-mail password!
Instead, enter your MSAD password here (i.e., the one you use for logging on to the university’s Windows computers).

6 Useful Tips

Under certain circumstances, your PC may experience problems with establishing a connection. In this case, the following tips may be useful.

6.1 Connect first, log on afterwards

In some cases, the connection to Eduroam fails to establish if the user is logged on to his/her PC already.
In these cases, it may help to log off from your PC via the

CTRL + ALT + DEL

shortcut. Subsequently, connect to Eduroam first (using the Wi-Fi icon in the lower right corner of the screen). Once the connection has been established, log on to your PC again.

6.2 Delete WiFi profile

If the connection fails to establish even though you have set up Eduroam once before (or if you come from another university), then it may help to remove Eduroam from the list of known networks once (= “Forget” button) and to set it up anew following these instructions.

How to delete the WiFi profile

Open the start menu under Windows 10 and then select “Settings” (gear icon).
Select “Network & Internet”. In the dialog box that opens, click “WiFi” in the left sidebar.

Click the “Manage known networks” link (if necessary, scroll down a bit to do so).

In the lower part of the next dialog box, you will find a list of all known networks. Select the one in question and click the “Forget” button.

This will delete all information related to this WiFi profile. Subsequently, you can reconnect.

7 Any More Questions???

Up-to-date information and advice on Eduroam is available on the university internet in the Information Technology Center’s FAQ collection at:

https://www.th-nuernberg.de/einrichtungen-gesamt/zentrale-einrichtungen/rechenzentrum/hochschulangehoerige/eduroam/

In addition, the Information Technology Center offers assistance on Eduroam access at its Laptop Help Desk. For further information, please visit:

https://www.th-nuernberg.de/einrichtungen-gesamt/zentrale-einrichtungen/rechenzentrum/hochschulangehoerige/laptop sprechstunde/