H U M B O L D T - U N I V E R S I T Ä T   Z U   B E R L I N

eduroam under Linux with NetworkManager

Stand: b'14. November 2023'

1 Four-step quick guide

- You already have configured eduroam on your device? Delete the configuration.

- Download the Python script: `eduroam-linux-HU.py`

- Run the Python script from terminal:
  `/usr/bin/python3 eduroam-linux-HU.py`

- Connect to *eduroam*.

2 Preface

This manual was tested with Ubuntu Jammy Jellyfish (22.04.3 LTS) and the wifi card FRITZ!WLAN Stick N v2 (driver rt2870.bin).
Setting up *eduroam* according to this guide should also work for other Ubuntu versions, work for other Debian-based distributions (e.g. Linux Mint) as well as for distributions (e.g. OpenSuse, Fedora) with other graphical user interfaces.

3 Preparation

For configuration you need the python script "eduroam-linux-HU.py", which can be found here. If your computer already has an Internet connection, download the script and save it directly in your home directory, i.e. ∼/eduroam-linux-HU.py.
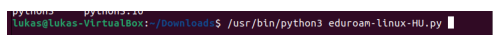If you have already downloaded the file, jump to section 4.
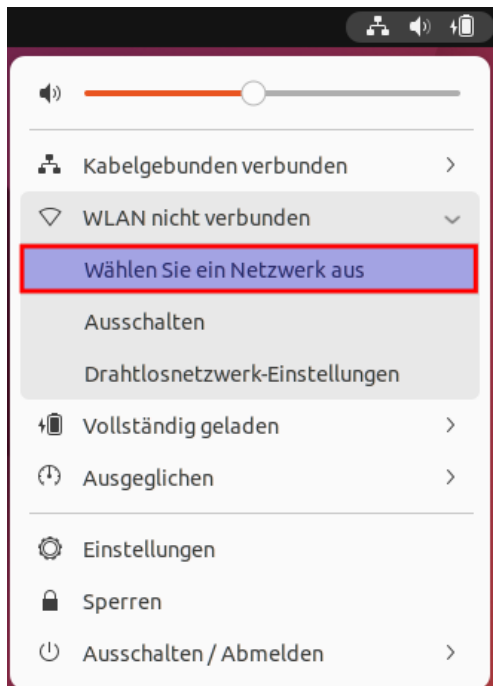
Please choose a free wifi to download the installation file.
Click the NetworkManager icon in the notification box and then click any free wifi.

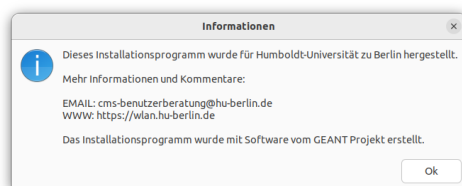*Hint:* Please remove your old eduroam profile first! (As described in section "Set down WLAN".)
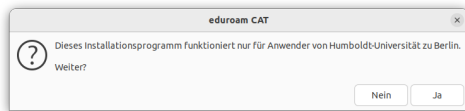
4 Set up WLAN

Open a terminal and run the script with Python 3:
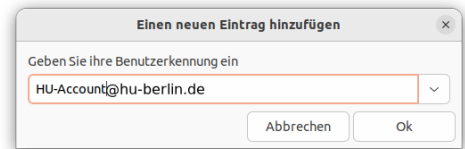`/usr/bin/python3 eduroam-linux-HU.py`
Caution: Don't doubleclick on this file! This action possably opens an Python environment, which is not compatible to this script.

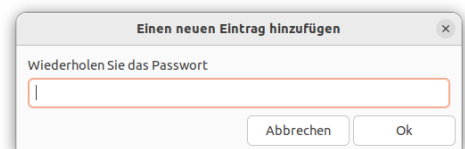Click on **OK** to continue the installation.

Click **Yes**.

Enter your HU account, followed by @hu-berlin.de and click on **Ok**.
This is NOT your e-mail address.

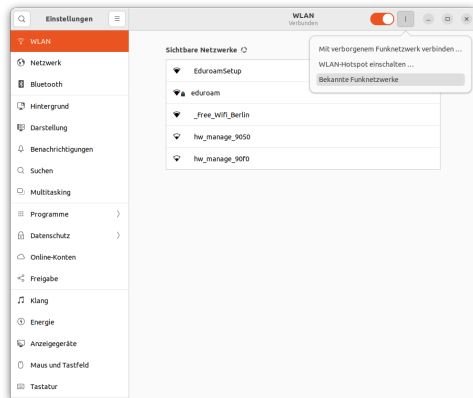Enter your password from the HU account and click on **Ok**.

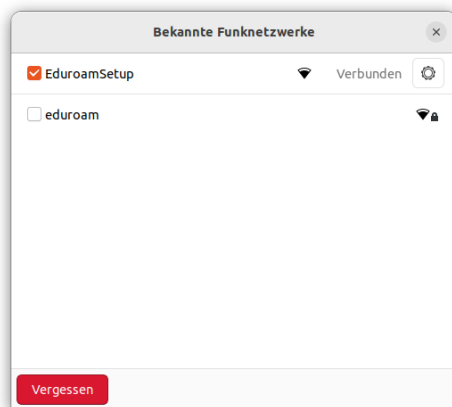Enter your HU account's password a second time for confirmation and click on **Ok**.

The installation was successful. Finish the installation with **Ok**.

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5 Troubleshooting

5.1 Set down WLAN

Click on the three dots on the upper rigth, then **Known wireless networks**.

Remove unnessary profiles via **Forget**.

5.2 Error

Don't use root.