

# Linux - eduroam

## ZIM – Center for Information Technology and Media Management

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General Linux ZIM-Support

#### General

With eduroam, registered users can access the academic network easily, quickly and without additional registration, not only at their own institution but also at other academic institutions. The eduroam WLAN is embedded in corresponding European projects (see [www.eduroam.org](http://www.eduroam.org)), which should also enable the transparent use of scientific networks across borders. There are no additional costs for eduroam users, as is the case for the use of commercial hotspots, for example.

### Access and requirements

The University of Potsdam offers comprehensive coverage with EDUROAM wireless LAN (WLAN) on its campus. The WLAN hardware consists of 2,500 access points in a redundant 100 Gbit/s backbone network.

**Members, students and employees** of the University of Potsdam thus have access to the internet. Encrypted Wi-Fi access via eduroam (short for: education roaming) is also available at many participating educational and research institutions worldwide. Eduroam is also available to visitors from other educational and research institutions at the University of Potsdam, provided that the home institution also participates in eduroam.

### User name and password

**Authentication:** In order to establish a connection, you must enter your user name and password when setting up. As a Uni-Potsdam user, please use your username:

- **central university account (UP account)** with the addition [@uni-potsdam.de](mailto:@uni-potsdam.de). Do not use your e-mail address in the format [nachname@uni-potsdam.de](mailto:nachname@uni-potsdam.de).
- Use your **UP account password** as the password.

### Technical information

**Connection:** To set up eduroam on the device, you always need an active internet connection (e.g. via a mobile hotspot).

**Security:** The eduroam network at the university is protected with WPA2-Enterprise, i.e. communication between the access point and the end device is encrypted so that not everyone in the vicinity can read the network traffic. To ensure a secure installation, this must be set up using a configuration profile from [cat.eduroam.org](http://cat.eduroam.org). A direct WLAN login with user name and password is therefore not recommended.

**Locations:** Participating institutions can be easily found via the eduroam Companion app. The service is described at the following URL: <https://eduroam.org/eduroam-companion-app/>.

In order to be able to use eduroam at other locations without any problems, it must be set up via the apps or with profile installation. If you set up the connection manually, a connection at other locations will not work.

**VPN note:** An additional VPN connection to the university's data network is required for intranet access. A service description for the [VPN University of Potsdam](#) is available on the ZIM web pages "Offers & Solutions" or the search term: "Uni Potsdam VPN".

## Linux (here Ubuntu 22.04 LTS)

If you have an older version of eduroam installed, it is best to remove it beforehand:

```
user@pc:~$ cd /etc/NetworkManager/system-connections  
user@pc:/etc/NetworkManager/system-connections$ sudo rm -f eduroam*
```

To set up eduroam on your computer, you need an active internet connection.

1. the configuration profile (Python file) via:

<https://cat.eduroam.org/?idp=5077>

2. Execute the downloaded file via the **terminal (not via sudo)**:

```
user@pc:~/Downloads$ python3 eduroam-linu x-UoP-eduroam.py
```

Enter your UP account as the user name, **followed by @uni-potsdam.de**. Enter the password of your UP account twice and confirm by clicking on "Install".

3. Once the installation is complete, you can connect to the eduroam WLAN.

## Universität Potsdam

**Bei Problemen wenden Sie sich bitte an Ihre Organisation:**

WWW: <https://www.uni-potsdam.de/de/zim/angebote-loesungen/wlan-eduroam.html>

E-Mail: [zim-service@uni-potsdam.de](mailto:zim-service@uni-potsdam.de)

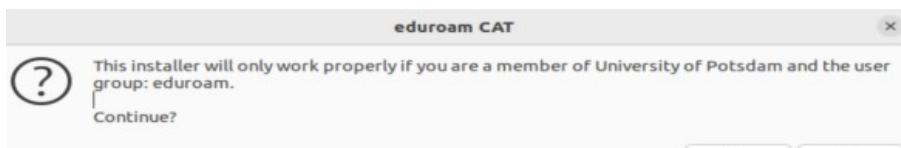
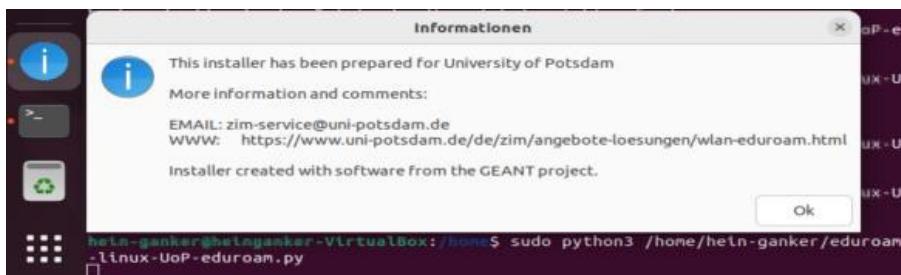


**Laden Sie Ihr Installationsprogramm herunter für Linux**

eduroam

i

Einen anderen Installer auswählen



## **ZIM support for eduoram**

Write a ticket to ZIM by emailing: [zim-service@uni-potsdam.de](mailto:zim-service@uni-potsdam.de) or via the support form: <https://www.uni-potsdam.de/de/zim/beratung-hilfe/supportanfrage>.

Visit us directly at the technician WLAN office hours at the locations:

### **Am Neuen Palais**

Where: House 2, Room 0.01. und 0.06  
When: Tuesday 9:00 - 11:00 am and Thursday 1:00 - 3:00 pm.  
Contact persons: Hr. Kersch, Hr. Großholz, Hr. Lehmann

### **Golm**

Where: House 8, Room 0.08  
When: Tuesday 1:00 - 2:30 pm  
Contact persons: Hr. Kolossov, Hr. Pippig

### **Griebnitzsee**

Where: House 1, Room 1.47  
When: Monday 1:30 - 3:00 pm  
Contact person: Hr. Ryl