

Instructions for configuring the eduroam Wi-Fi

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1 General indications

1.1 eduroam/DFN roaming



eduroam is a registered trademark of TERENA. SRH University Heidelberg is independent of TERENA.

SRH University Heidelberg is part of the [eduroam](#) network.

This network allows people from other universities or research institutes to access the Internet using their home institution's account.

1.2 Notes for SRH University Heidelberg guests:

- Access over PEAP (EAP-MSCHAPV2):
- Username: <MyInstitutionID>@<MyInstitution.de>
- Password: the password associated with the institution ID

1.3 Notes for SRH University Heidelberg students and faculty:

You can access the Internet at any participating institution of the eduroam network with your SRH University Heidelberg credentials.

- Access over PEAP (EAP-MSCHAPV2):
 - Student:
Username: <YourMatriculationNumber>@stud.hochschule-heidelberg.de
 - Faculty/staff:
Username: <Username>@hochschule-heidelberg.de
(login with the general username you use to e.g. login to your computer)

Password: the password associated with the SRH HSHD account

1.4 Requirements

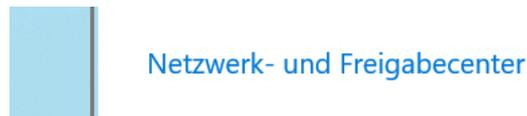
- The institution you are visiting must be a member of the eduroam network. You can use this [map](#) to check.
- You have a valid authentication account at a participating institution.

2 Configure with Windows 10

To configure the eduroam Wi-Fi network under Windows, please follow the steps below:

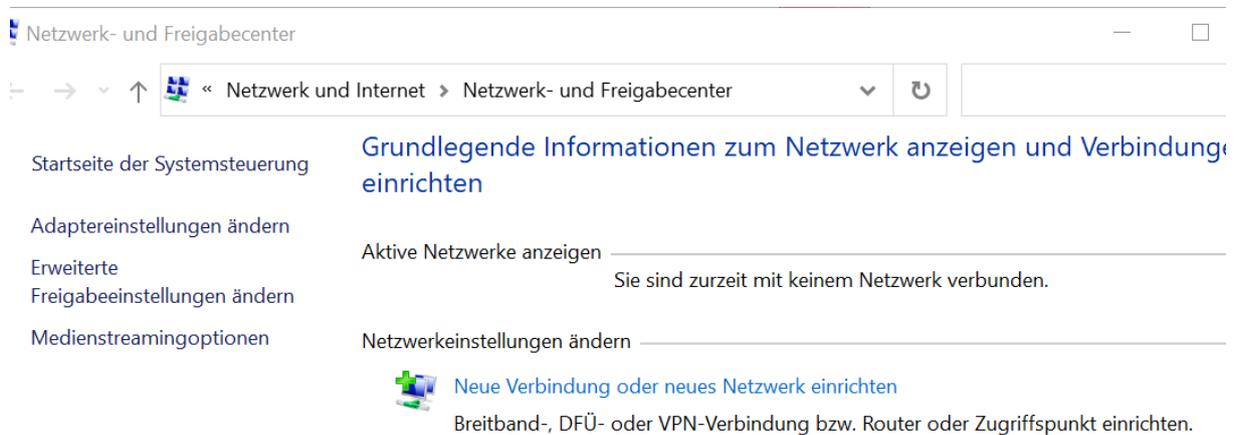
Step 1

Right-click on the network symbol  at the bottom right of your screen. Then select the option "Open Network and Sharing Center".



Step 2

Click on the option "New connection or create new network".



Step 3

←  Eine Verbindung oder ein Netzwerk einrichten

Wählen Sie eine Verbindungsoption aus:

 **Verbindung mit dem Internet herstellen**
Richtet eine Breitband- oder DFÜ-Verbindung mit dem Internet ein.

 **Neues Netzwerk einrichten**
Richten Sie einen neuen Router oder Zugriffspunkt ein.

 **Manuell mit einem Drahtlosnetzwerk verbinden**
Stellt die Verbindung mit einem ausgeblendeten Netzwerk her, oder erstellt ein neue...

 **Verbindung mit dem Arbeitsplatz herstellen**
Richtet eine Einwahl- oder VPN-Verbindung mit dem Arbeitsplatz ein.

Step 4

Enter the network name "eduroam" in the window that appears.

Select "WPA2 Enterprise" for security type and "AES" for encryption type. Then click on "Continue".

Geben Sie Informationen für das Drahtlosnetzwerk ein, das Sie hinzufügen möchten.

Netzwerkname:

Sicherheitstyp:

Verschlüsselungstyp:

Sicherheitsschlüssel: Zeichen ausblenden

Diese Verbindung automatisch starten

Verbinden, selbst wenn das Netzwerk keine Kennung aussendet

Warnung: Bei Auswahl dieser Option ist der Datenschutz dieses Computers ggf. gefährdet.

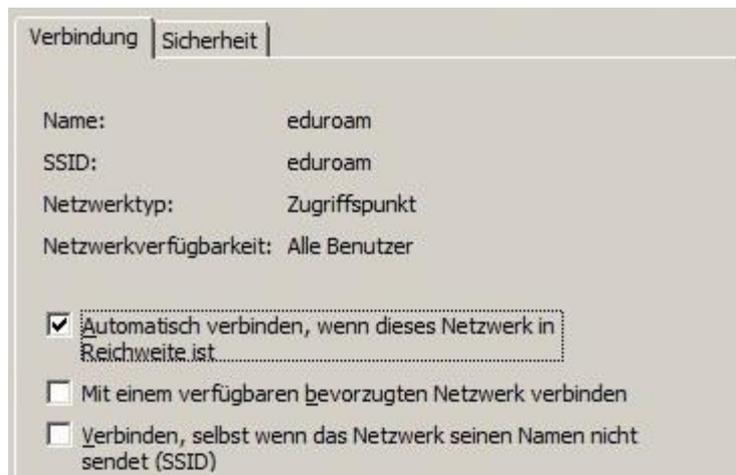
Step 5

Choose the option "Change connection settings".

→ **Verbindungseinstellungen ändern**
Öffnet die Verbindungseigenschaften, um die Einstellungen ändern zu können.

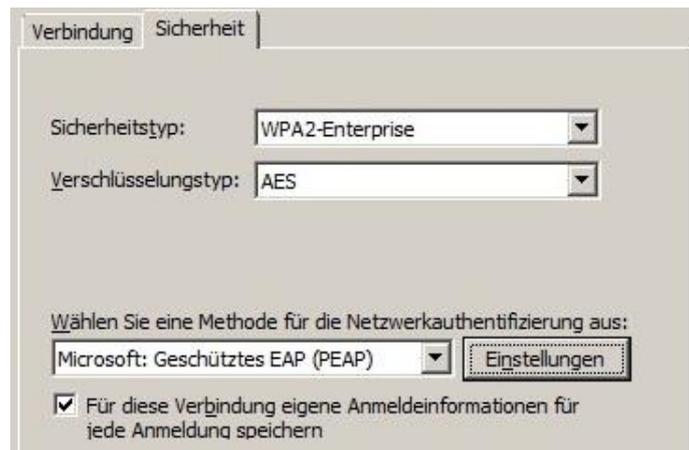
Step 6

In the window that appears, click on the "Security" tab.



Step 7

Make sure that network authentication is set to "Microsoft: Protected EAP (PEAP)". Click on the "Settings" button.



Step 8

Under "Trusted Root Certification Authorities", select "T-TeleSec GlobalRoot Class 2". Make sure that the authentication method is set to "Secured Password (EAP-MSCHAP v2)". Click on the "Configure" button next to the authentication method.

Eigenschaften für geschütztes EAP

Beim Herstellen der Verbindung:

Identität des Servers mittels Zertifikatprüfung überprüfen

Verbindung mit folgenden Servern herstellen (Beispiele: "srv1", "srv2", ".*\srv3\.com"):

Vertrauenswürdige Stammzertifizierungsstellen:

- TC TrustCenter Class 2 L1 CA XI
- Thawte Timestamping CA
- T-TeleSec GlobalRoot Class 2
- VeriSign Class 3 Public Primary Certification Authority - G5
- VeriSign Class 3 Public Primary Certification Authority - G5
- VeriSign Universal Root Certification Authority
- WatchGuard Server Root CA

Benachrichtigungen vor der Verbindungsherstellung:

Benutzer benachrichtigen, wenn kein Servername oder Stammzert

Authentifizierungsmethode auswählen:

Gesichertes Kennwort (EAP-MSCHAP v2) Konfigurieren...

Schnelle Wiederherstellung der Verbindung aktivieren

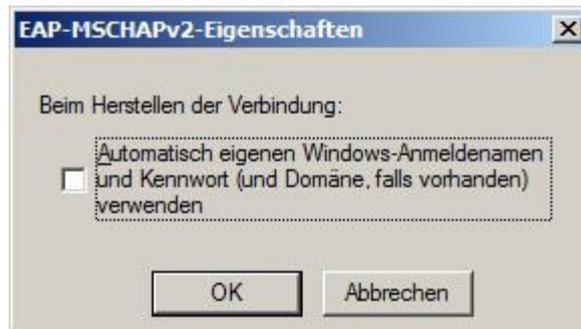
Verbindung trennen, wenn Server kein Kryptografiebindungs-TLV vorweist

Identitätsschutz aktivieren

OK Abbrechen

Step 9

Deselect the option "Automatically use my Windows logon name and password (and domain if any)".



Step 10

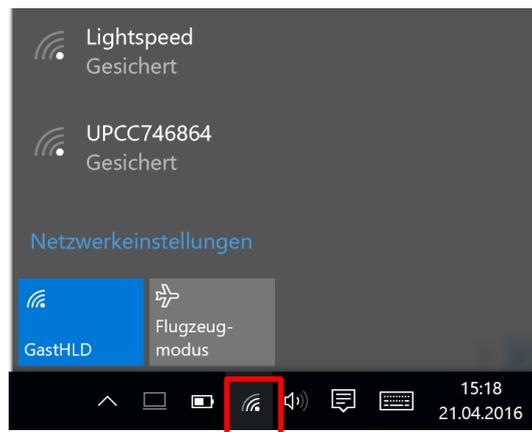
Next, close all open windows by clicking on "OK" or "Close". If you are in range of a Wi-Fi antenna, you will be asked to login. Enter your SRH HSHD account, in the form "SRH HSHD account"@stud.hochschule-heidelberg.de, and the associated password. Once you have successfully logged in you can use the wireless network.

- Note: if you are a member of another participating institution of the eduroam network, change your username accordingly, e.g. MyID@ExampleUni.de

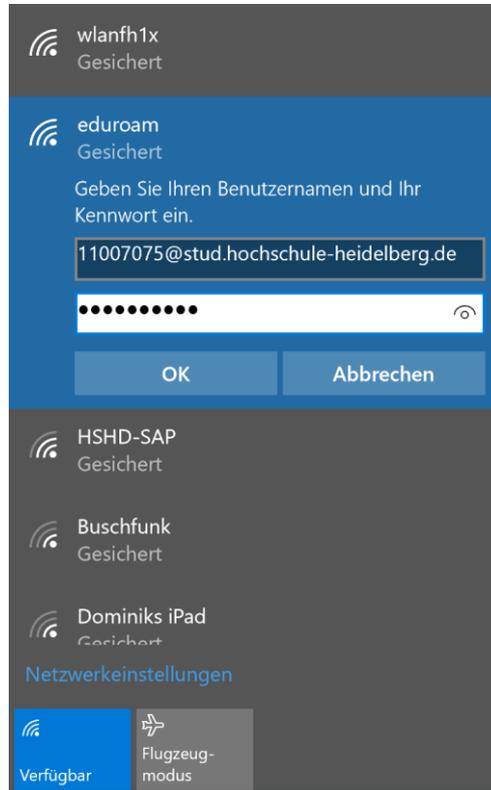
3 Connect WLAN with Windows 10

If your computer runs Windows 10, you can connect to the Wi-Fi network as follows:

Left-click on the **network symbol** at the bottom right of your desktop screen. This will open the list of available connections:



Select **eduroam** from the list and click on **Connect**:



A dialog box will appear in which to enter your login details.

Use the username **YourMatriculationNumber@stud.hochschule-heidelberg.de** and your password.
Confirm with **OK**.

The following security question will appear. Click on "Connect" to complete the connection to the eduroam wireless network:

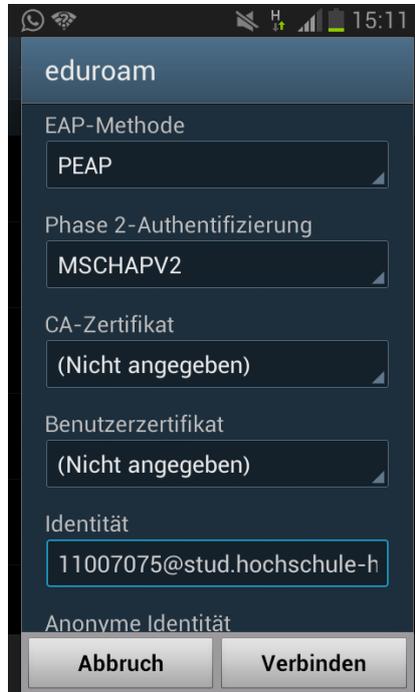


4 Mobile devices

4.1 Connecting with Android

This example is based on a Samsung Galaxy S3 Mini:







4.2 Connecting with iOS (Apple)

Open the **Settings** menu and then **Wi-Fi**. Select the network **eduroam**.



Enter **<YourMatriculationNumber>@stud.hochschule-heidelberg.de** in the **Username** field and your password in the **Password** field. Confirm with **Connect**.



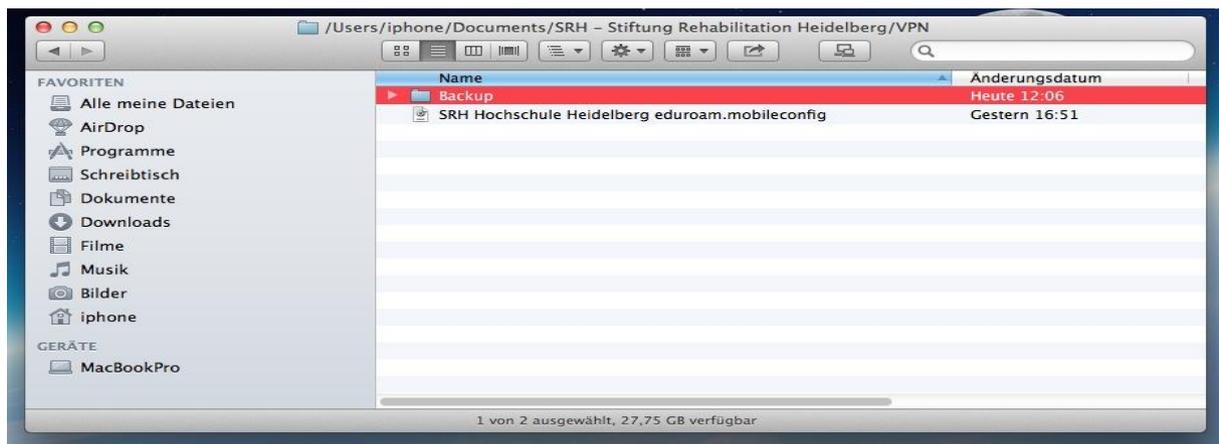
5 Configure with Apple OS X

Note:

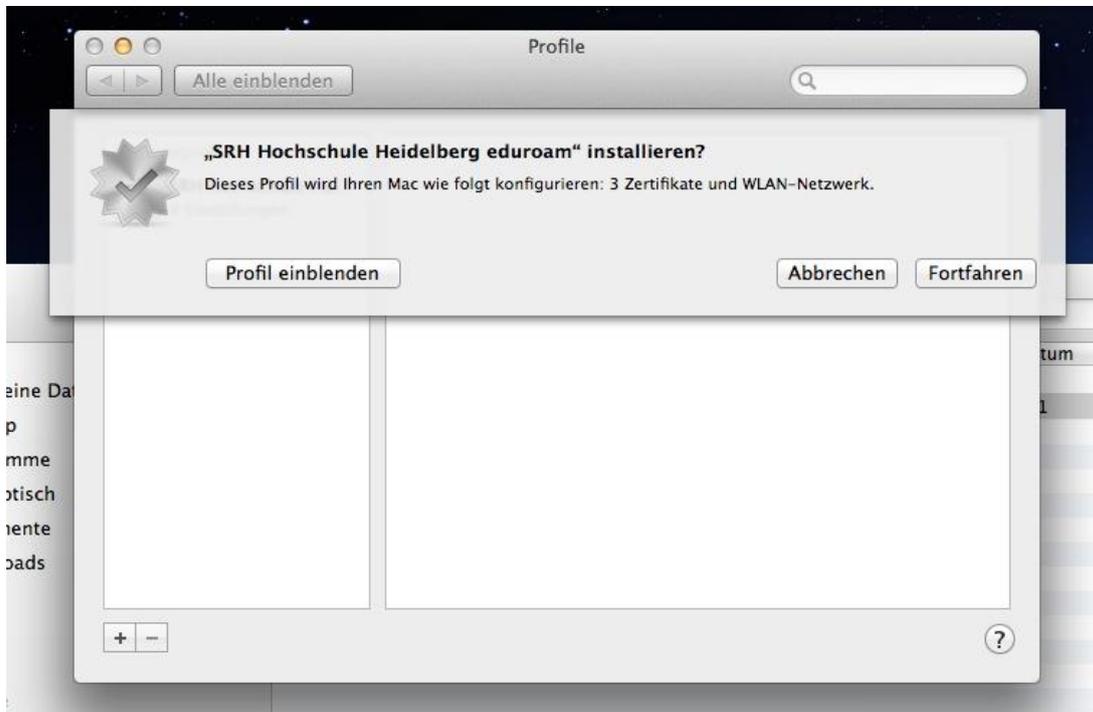
The images are from OS X 10.8 Mountain Lion

To configure the eduroam wireless network with Apple OS X, please follow the steps below:

1. The e-mail attachment contains the file you need; please save it.
2. Run the file "SRH Hochschule Heidelberg eduroam.mobileconfig" by double-clicking on it.



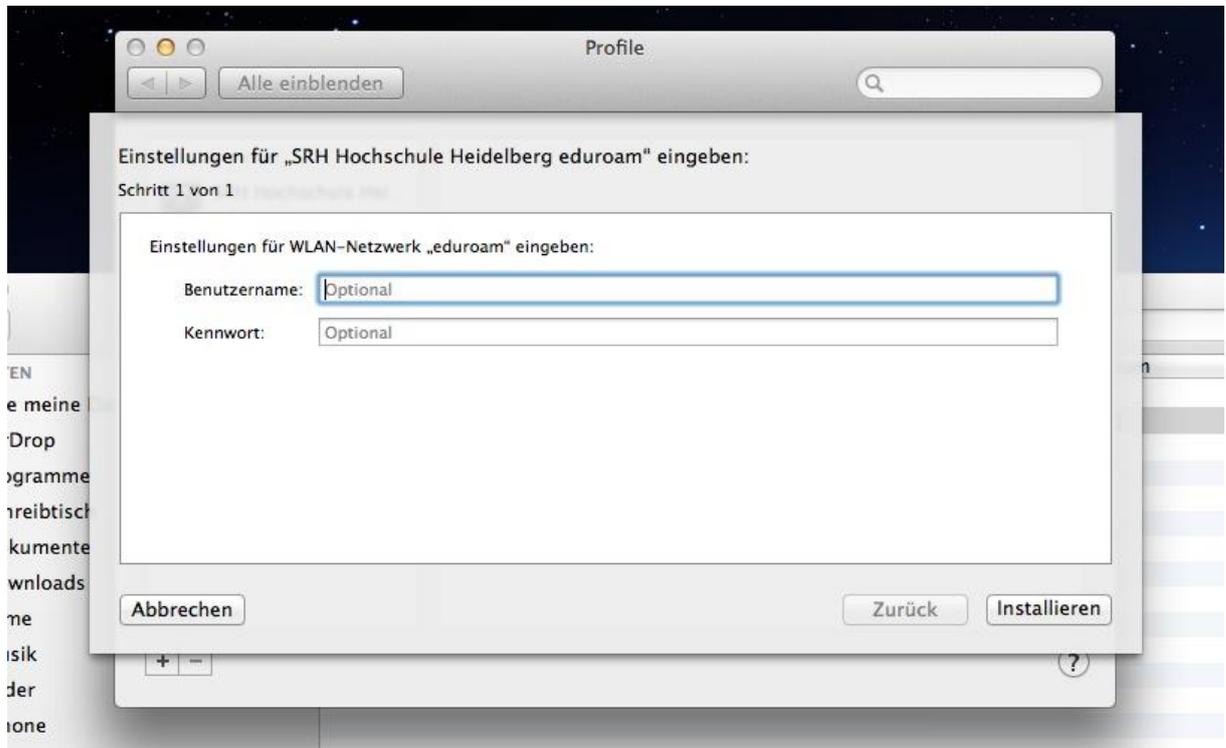
3. Confirm by clicking on "Continue". 3 certificates and a Wi-Fi network will be installed.



4. Click "Continue" again to complete the installation.



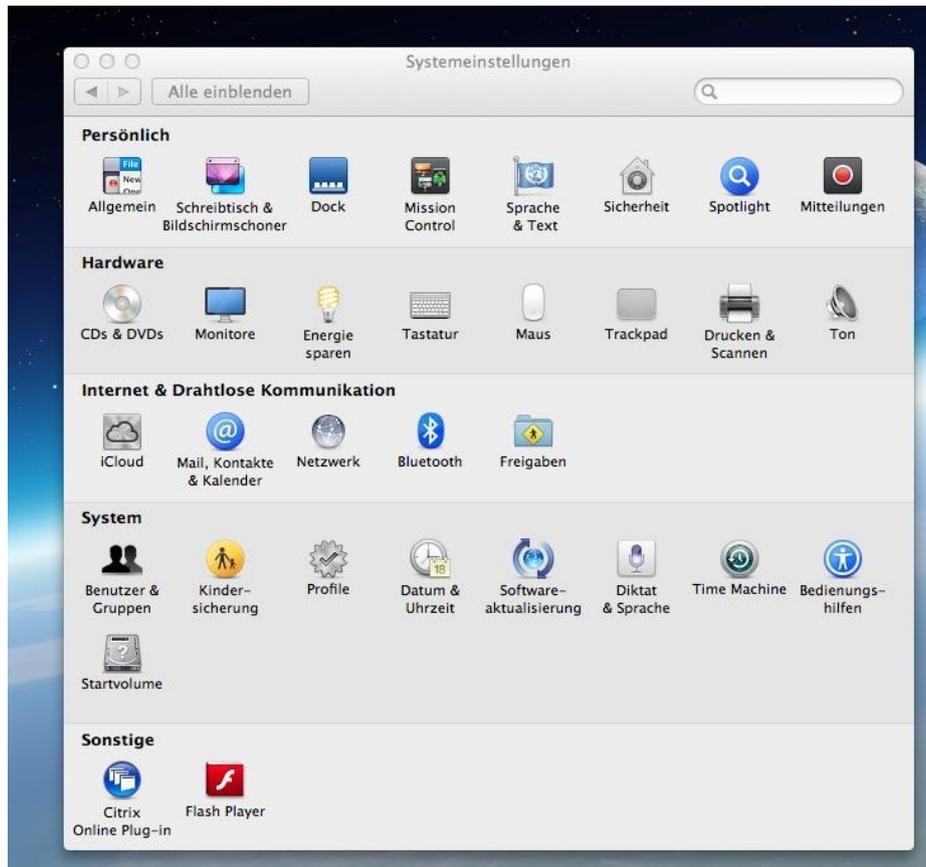
Your personal login data can be entered here (see points 2 and 3); however, this is not absolutely required. Click on "Install".



5. Final indications; please confirm by clicking on "Install".



6. A new icon will appear in the system settings. You can delete the profile from here.



7. Now select the "eduroam" wireless network and wait a little.



8. Here you can check whether the connection was successful.

