

Wireless Network Configuration and Access Guide

Automatic Configuration

For automatic configuration of the UGD wireless network, download the application from the following link: <https://cat.eduroam.org/?idp=5586>.

The application is available for: Mac OS, Windows, Linux, Android, iOS...

Manual Configuration for Windows 10/11

The screenshots and steps in this procedure are based on Windows 10/11, but they are very similar (or identical) to Windows 7/8/8.1.

To manually configure eduroam, follow the steps below:

1. Install the UGD root certificate following the procedure below.
2. From Control Panel, open Network and Sharing Center (or View network status and tasks).
3. Click on Set up a new connection or network.
4. Select Manually connect to a wireless network.
5. In the Network name field, enter **eduroam**, and in Security type select **WPA2-Enterprise**, then click Next:

Manually connect to a wireless network

Enter information for the wireless network you want to add

Network name:

Security type:

Encryption type:

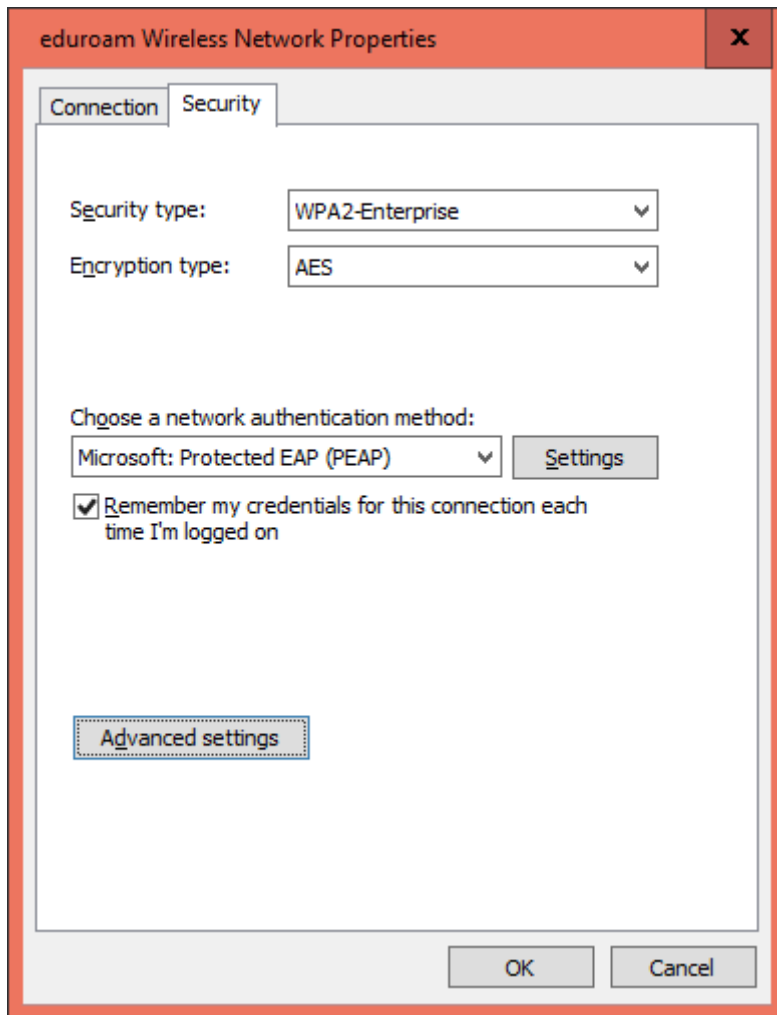
Security Key: Hide characters

Start this connection automatically

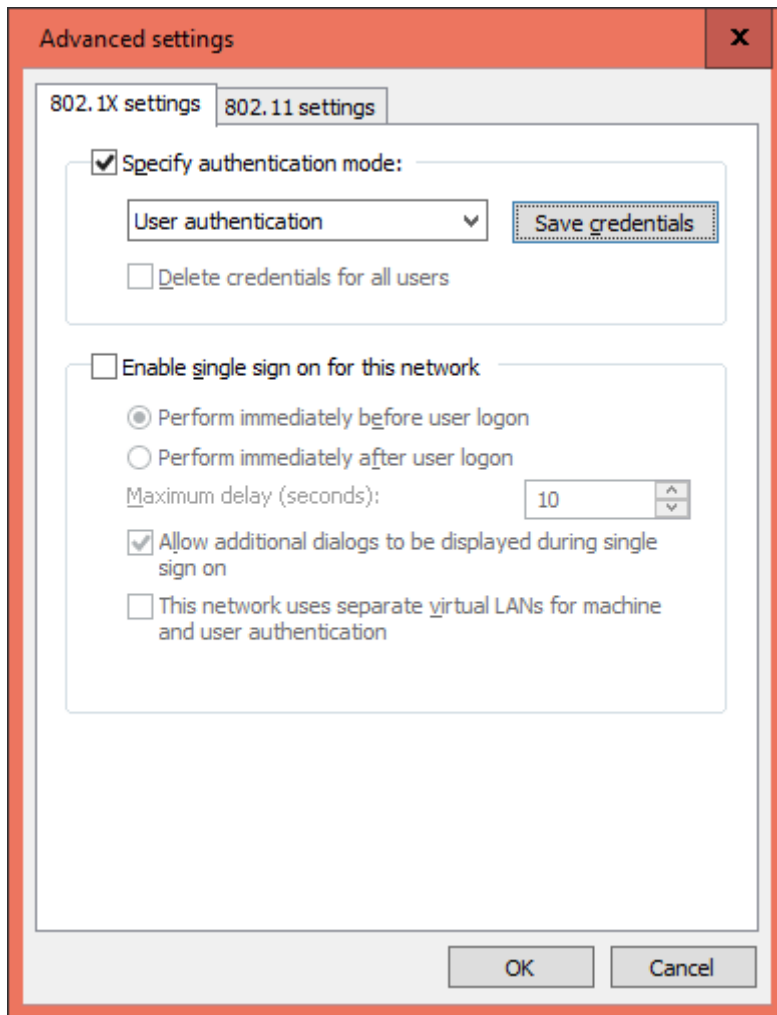
Connect even if the network is not broadcasting

Warning: If you select this option, your computer's privacy might be at risk.

6. Select Change connection settings to manually configure the eduroam connection.
7. Select the Security tab and open Advanced settings.

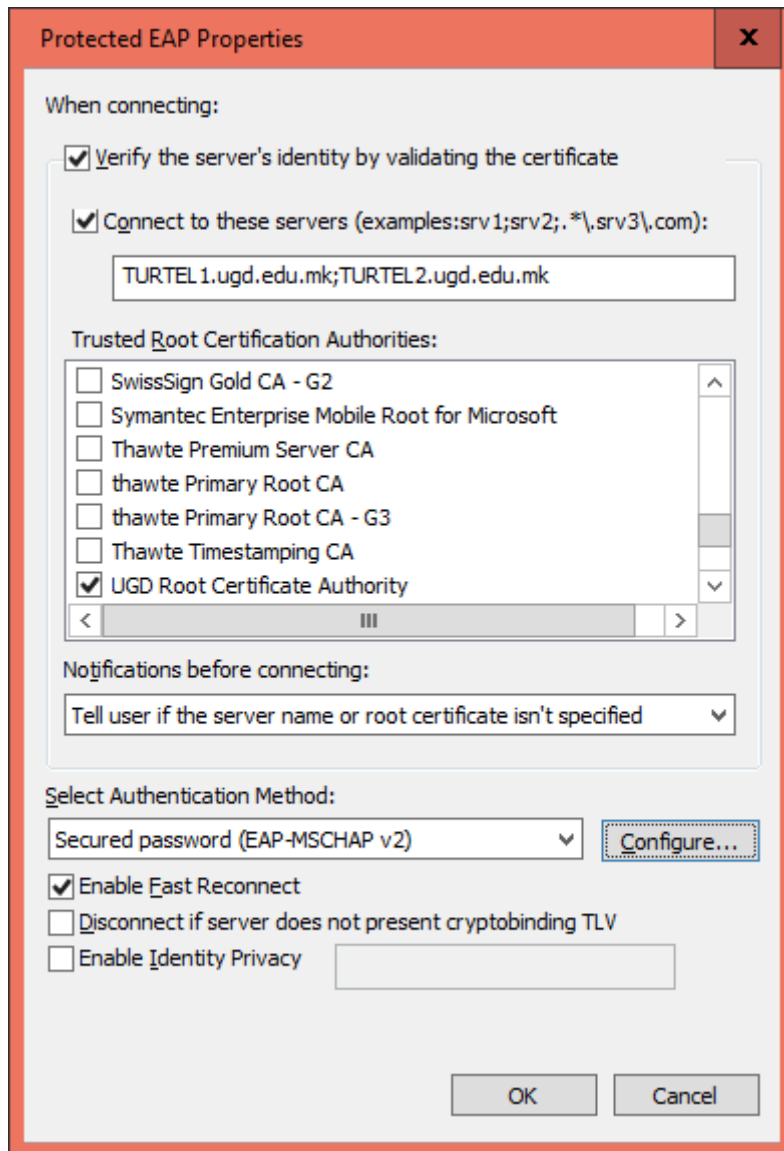


8. Enable Specify authentication mode and from the drop-down menu select **User authentication**. You can save your username and password by clicking *Save credentials*. Click OK.

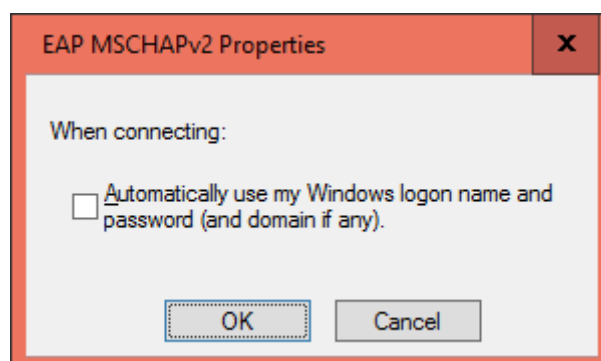


9. Click on Settings.

10. Enter the UGD RADIUS servers (**TURTEL1.ugd.edu.mk** and **TURTEL2.ugd.edu.mk**) and select the UGD root certificate (**UGD Root Certificate Authority**) as shown in the image.

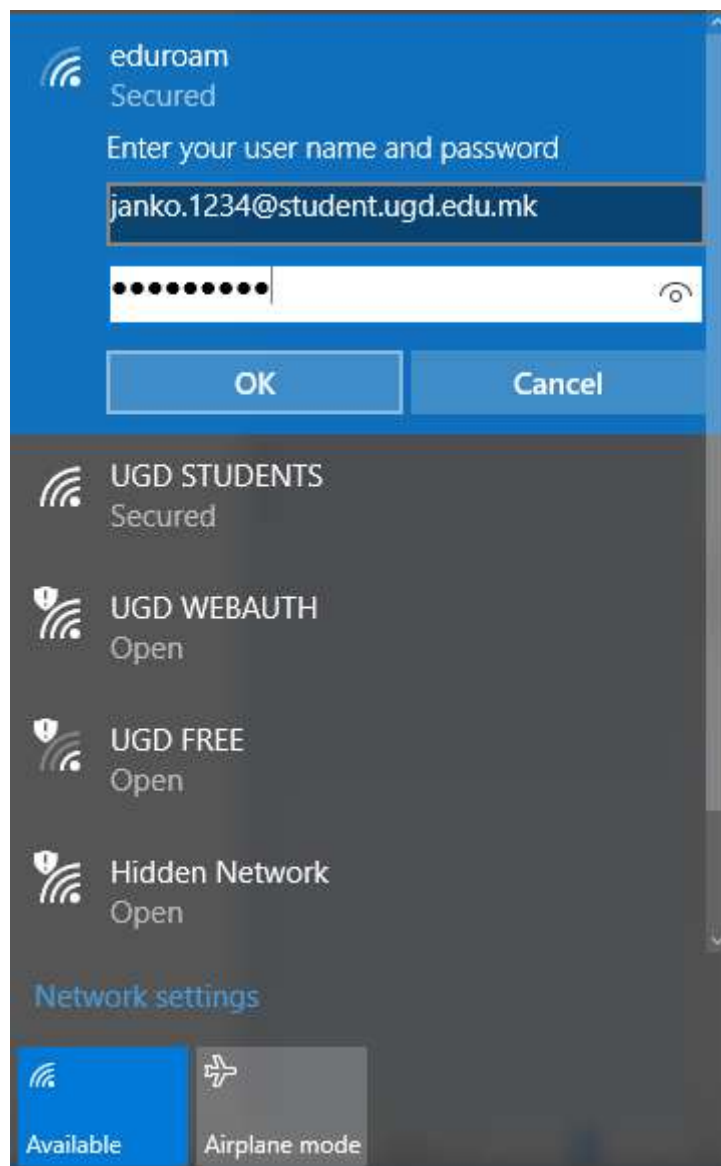


11. Click Configure and disable **Automatically use my Windows logon name and password**.



12. Close all windows by clicking OK.

13. From the list of available wireless networks, select **eduroam** and enter your username (e.g. *janko.jankov@ugd.edu.mk* or *janko.1234@student.ugd.edu.mk*) and password to connect.

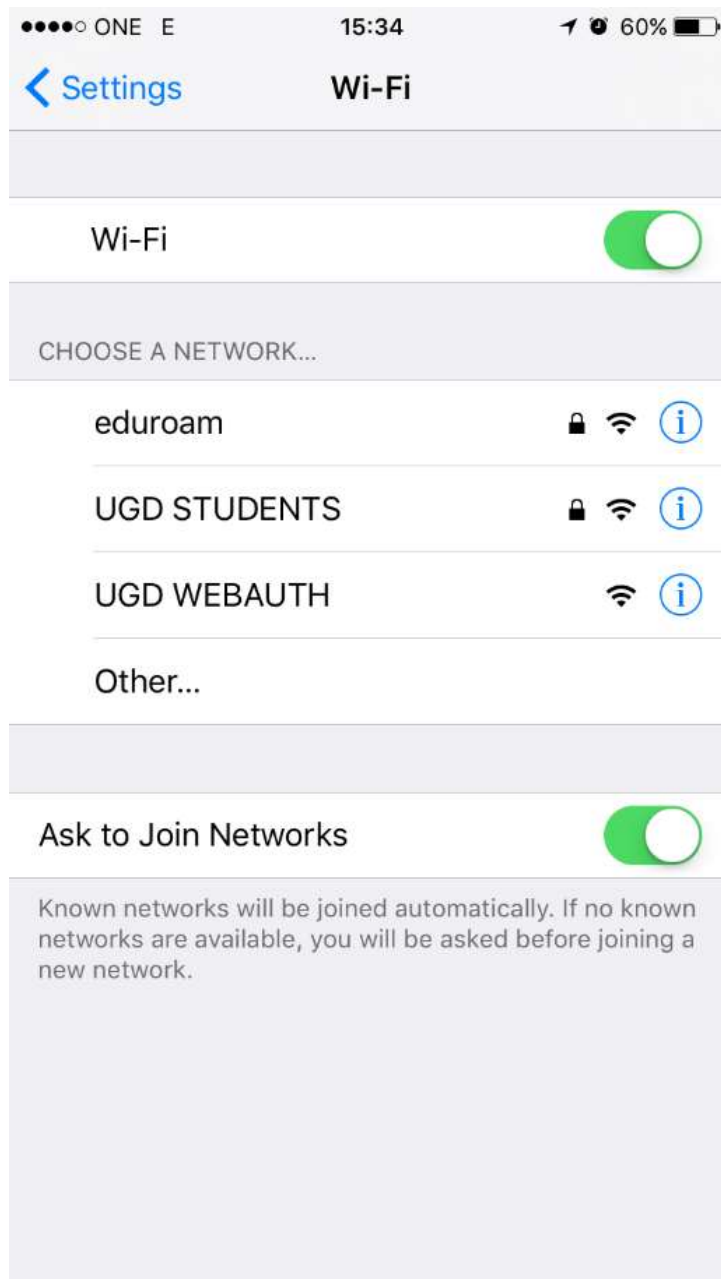


iPhone / iPad

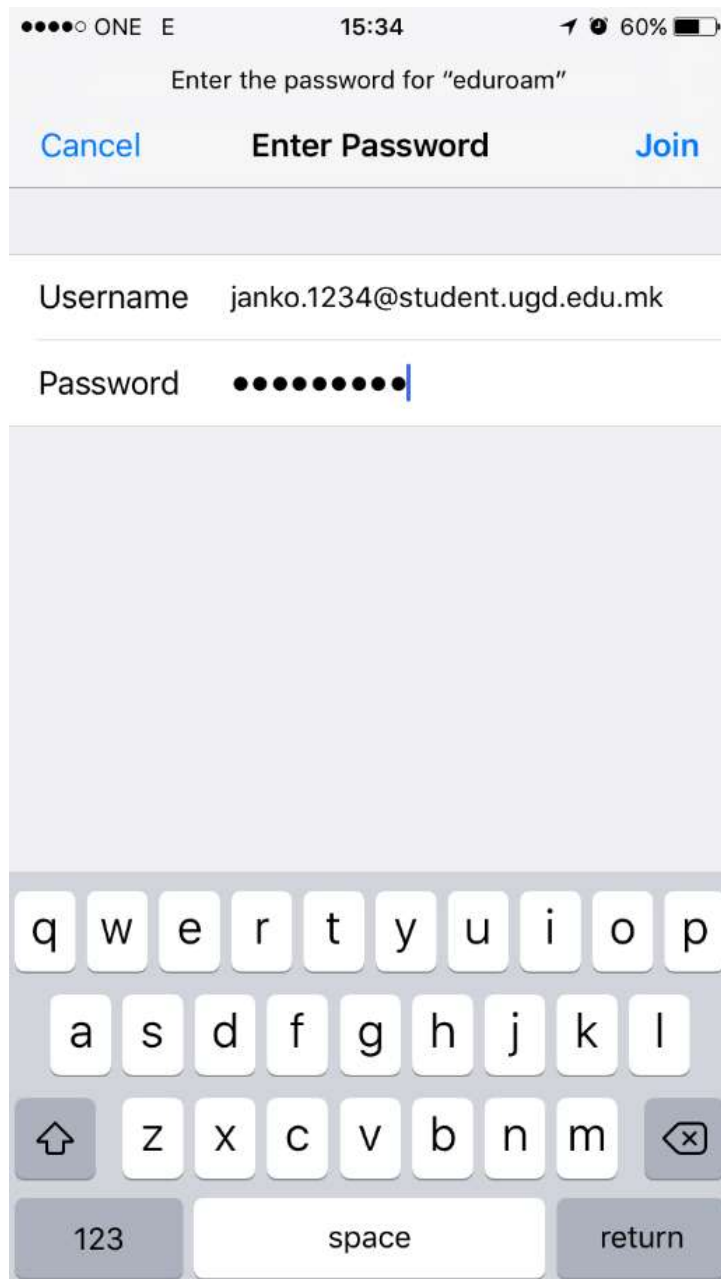
1. Select Settings and tap on Wi-Fi.



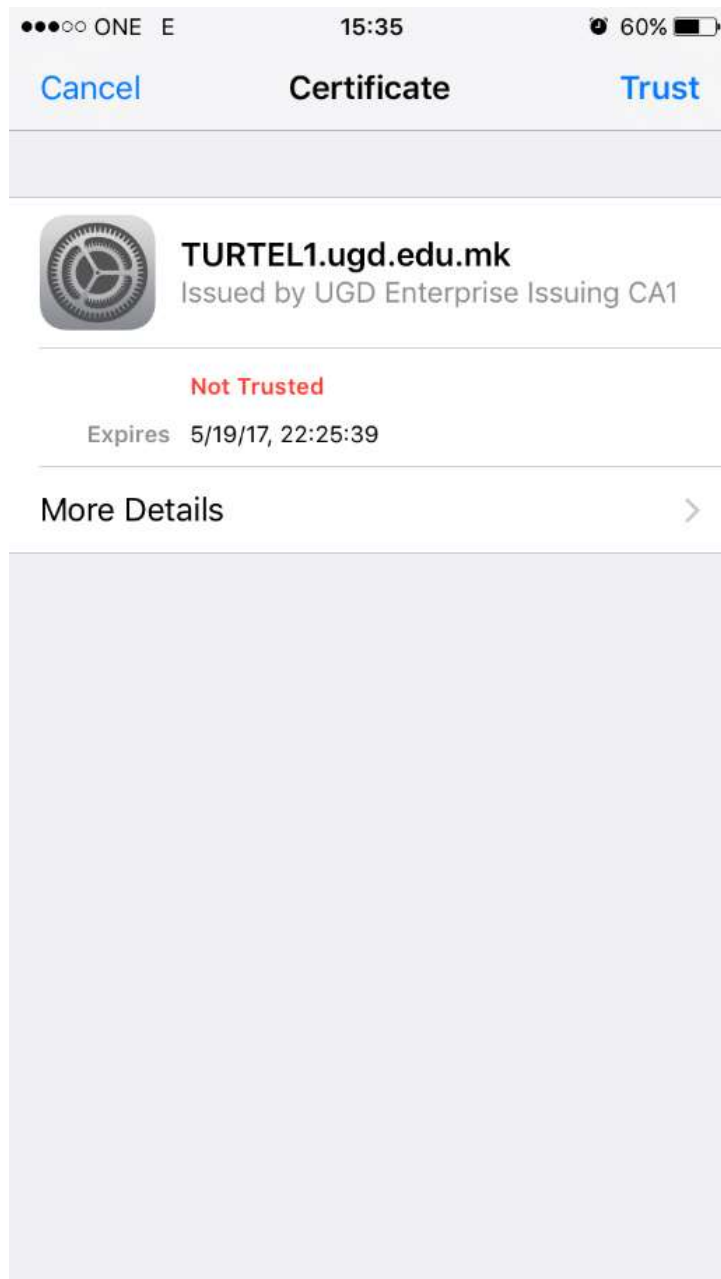
2. From the list of available networks, select **eduroam**.



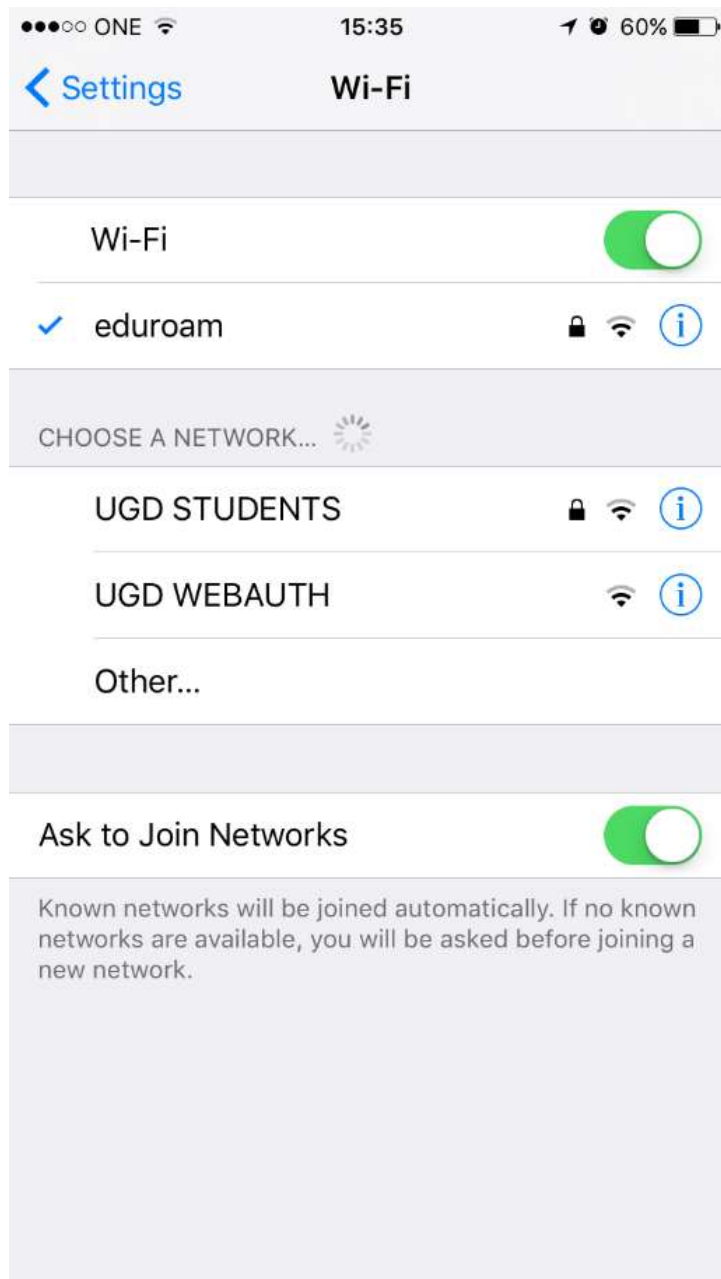
3. Enter your username (e.g. *janko.jankov@ugd.edu.mk* or *janko.1234@student.ugd.edu.mk*) and password, then tap **Join** to connect.



4. Tap **Trust** to accept the UGD RADIUS server.

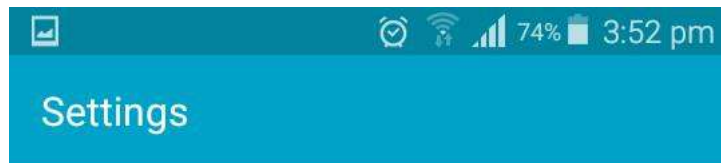


5. After this, your phone/tablet will connect to eduroam.












Android

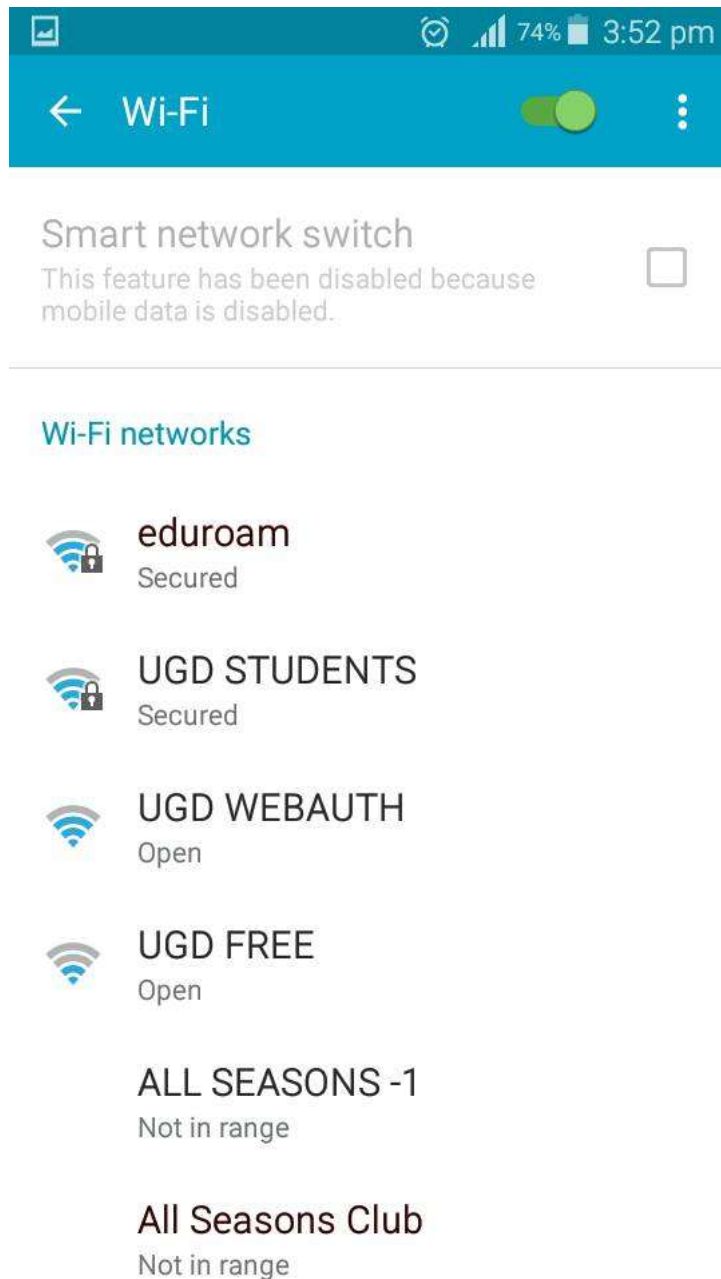
1. Select Settings and tap on Wi-Fi.



Connections

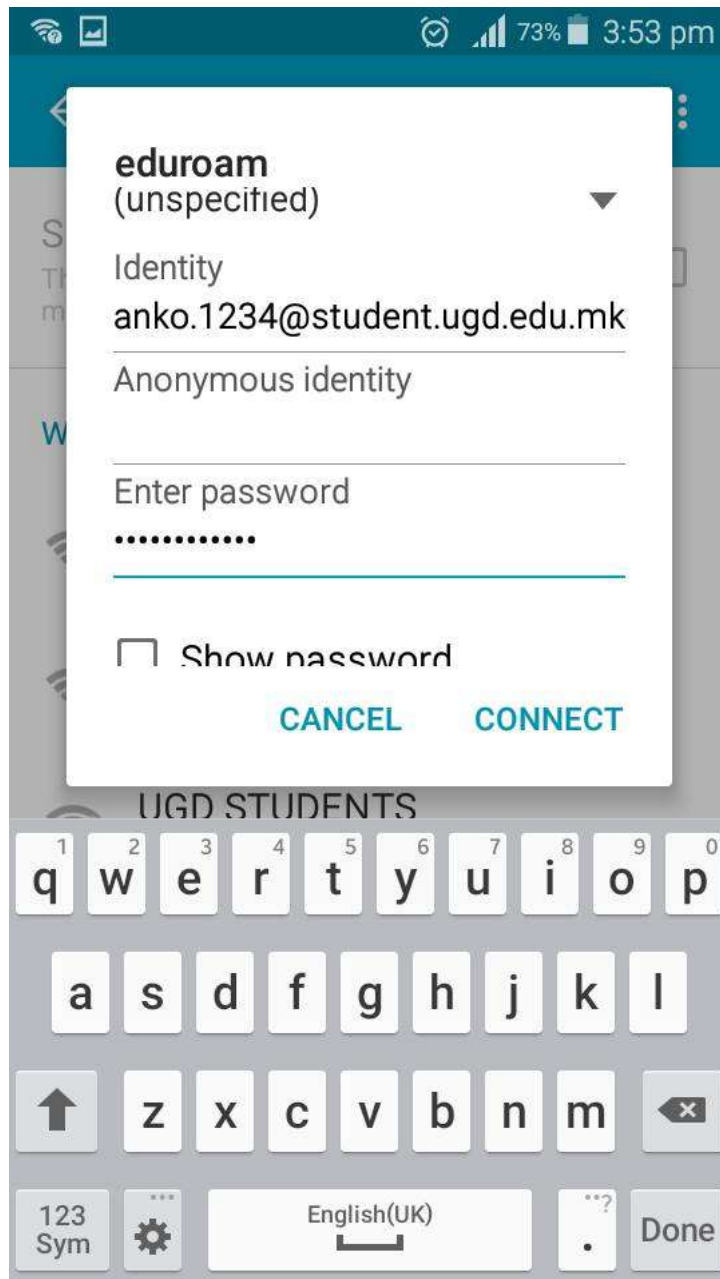
-  Wi-Fi
-  Bluetooth
-  Tethering and Mobile hotspot
-  Flight mode
-  Data usage
-  Location
-  NFC
-  Printing
-  More networks

2. From the list of available networks, select **eduroam**.

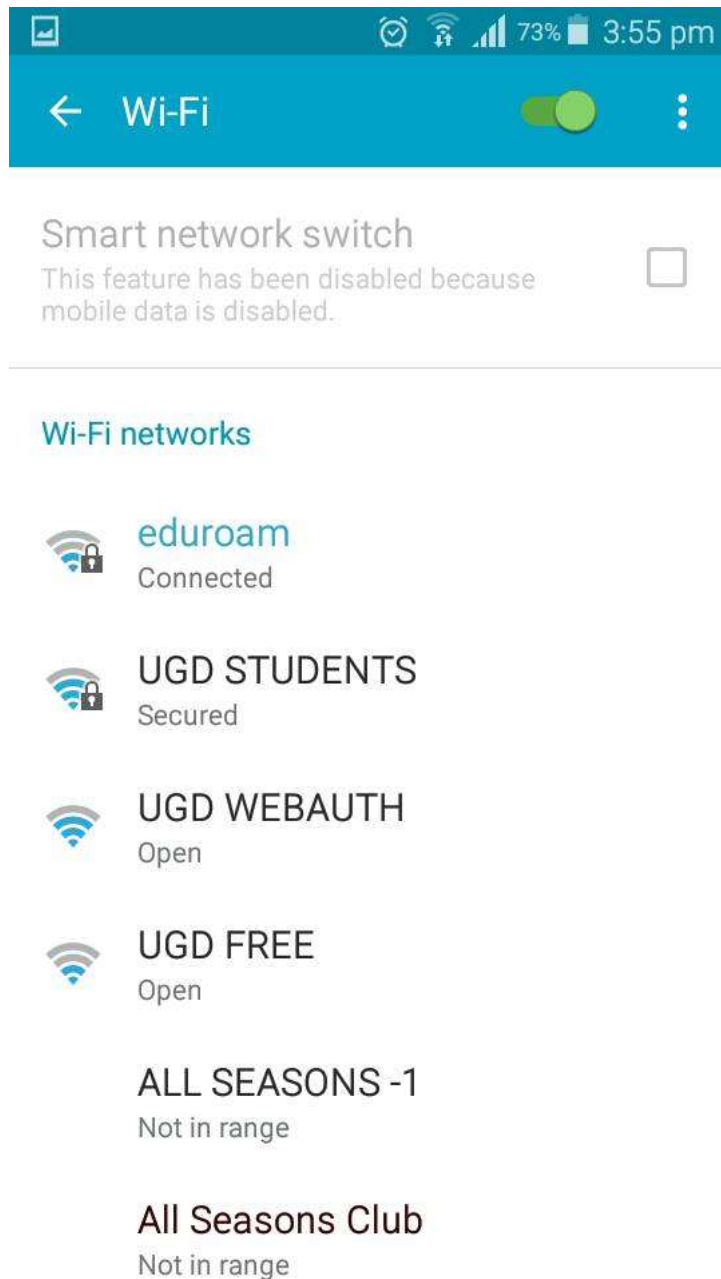


3. Verify that **PEAP** is selected as the EAP Method. In the Phase 2 authentication field, select **MSCHAPV2**.

4. Enter your username in the Identity field (e.g. *janko.jankov@ugd.edu.mk* or *janko.1234@student.ugd.edu.mk*) and your password in the Enter password field, then tap **Connect**.



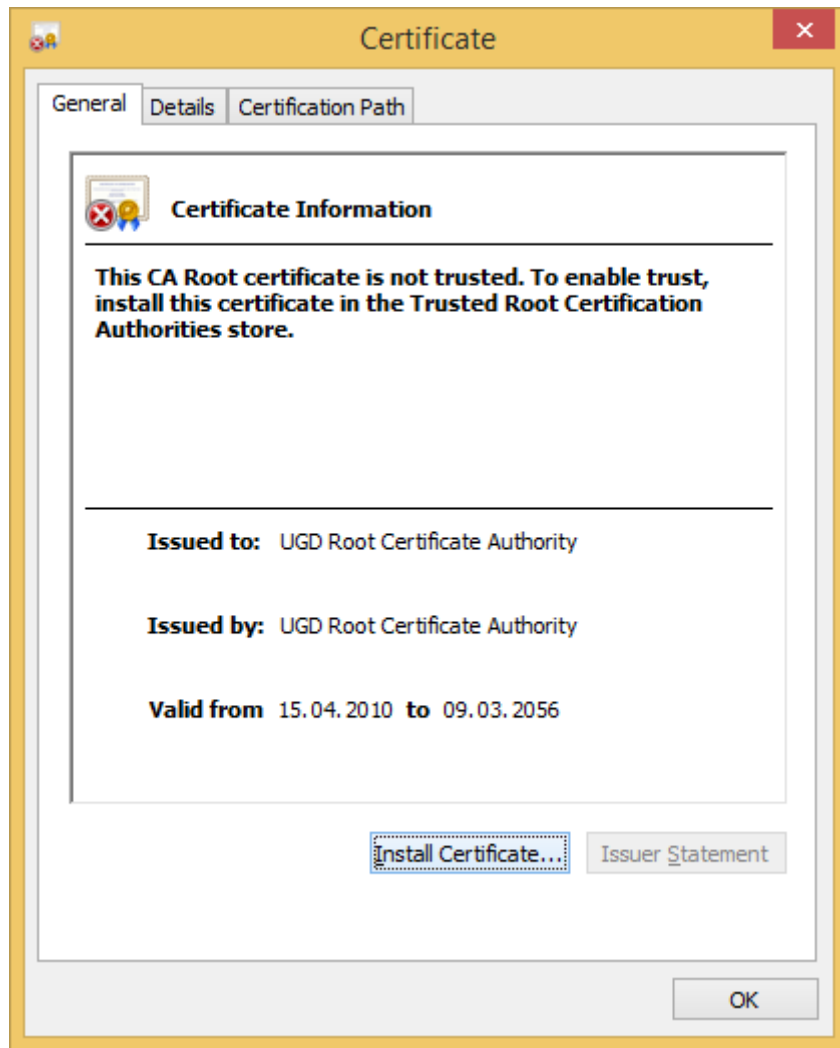
5. After this, your phone/tablet will connect to eduroam.



Installing the UGD Root Certificate on Windows 7/8/8.1/10

The screenshots and steps in this procedure are based on Windows 10, but they are very similar (or identical) to Windows 7/8/8.1.

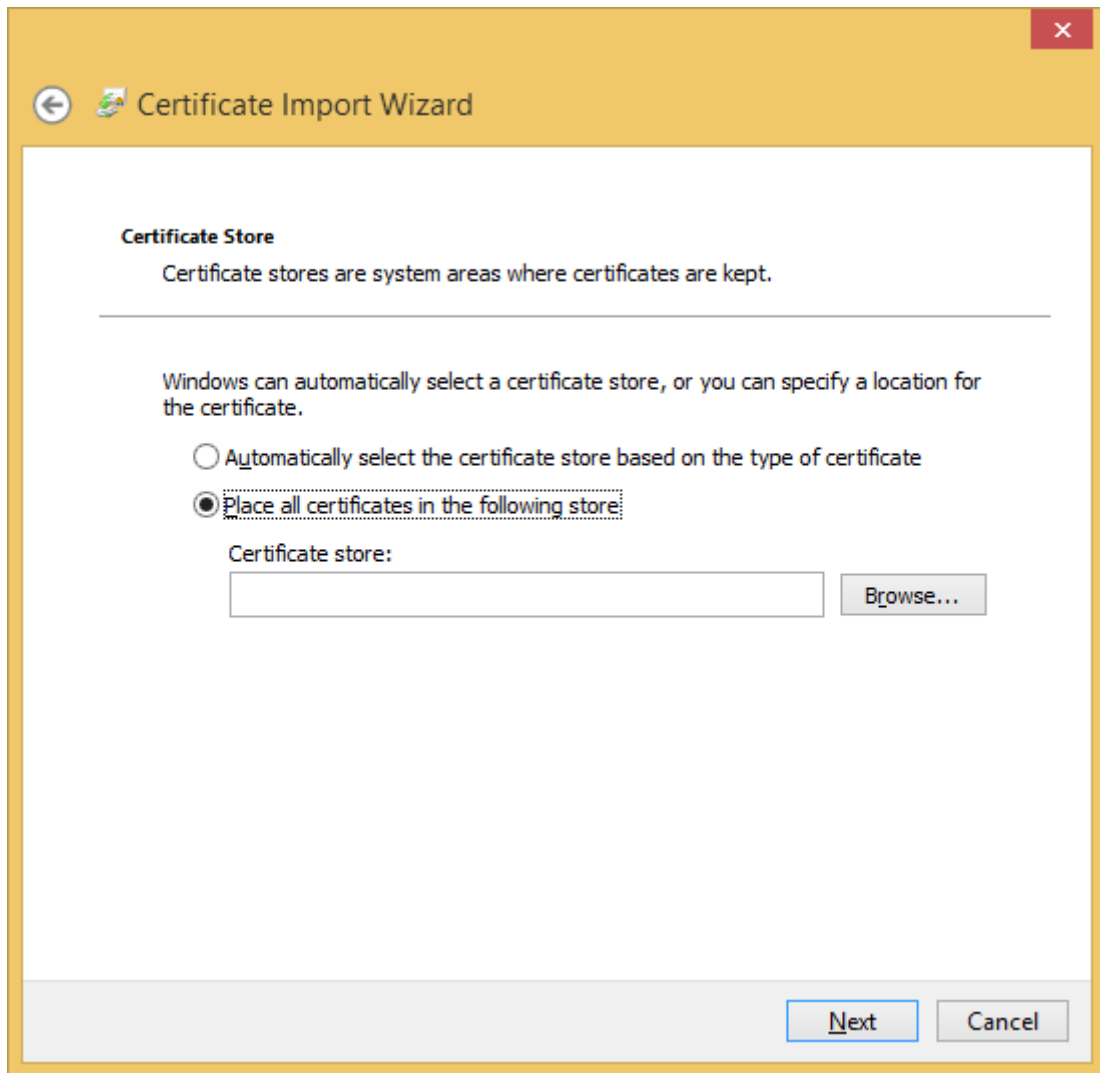
1. Download the UGD root certificate from [here](#) and open it.
2. Install it by clicking **Install Certificate**.



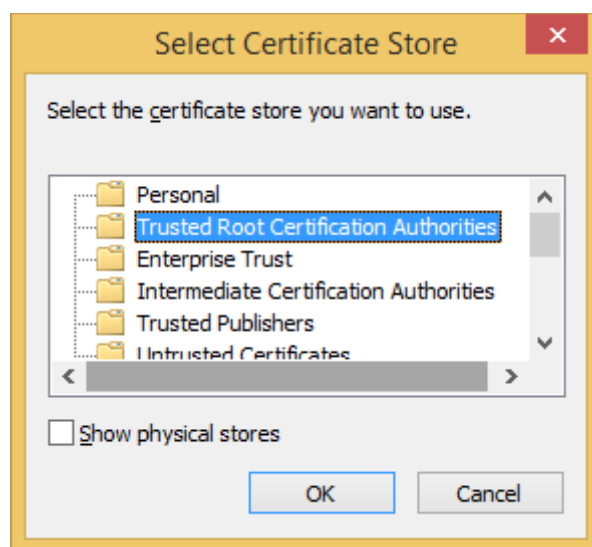
3. Select to install it in the computer certificates (**Local Machine**) and click Next. (If you are using Windows 7, this step is not available and the certificate will be installed in the user profile certificates. To install the certificate in the computer certificates, read [here](#)).



4. Select **Place all certificates in the following store** and click Browse.



5. Select **Trusted Root Certification Authorities** and click OK.



6. Click Next and on the following screen click Finish.