SGUL wireless connecting guide for Android devices

Android is a popular operating system, widely used on mobile phones, tablets and other devices. Due to its diversity and the ability of the device manufacturers to customise the way their device looks and works, it is not possible to write a "one size fits all" guide. This document provides information that should allow most Android devices to connect to SGUL's wireless network (Eduroam).

The information provided here is aimed primarily at Android users, however, it is not platform or device specific, so it may allow you to connect to the SGUL WiFi using other devices. Please note however that not all devices are capable of connecting to the WiFi.

Older Kindle e-Ink devices may not be able to connect to the SGUL WiFi, but most newer up-to-date models should be able to connect successfully. Kindle Fire, and Fire devices should be able to connect as these devices are based on Android.

BlackBerry users should also be advised that using Blackberry's "push" email service is not recommended as it involves providing your SGUL username and password to a third party, and allows a third party access to your SGUL account, both of which are in breach of the SGUL Network Terms of Use and could potentially cause security problems.


Before you continue, ensure you are in an eduroam enabled area, such as the library or the student bar.

If your device has Android OS v7.1 and above, or Chromebook. Please try the following below to connect to Eduroam.

1. Type in https://letsencrypt.org/certs/isrgrootx1.der into your phone web browser and it should download a new certificate.
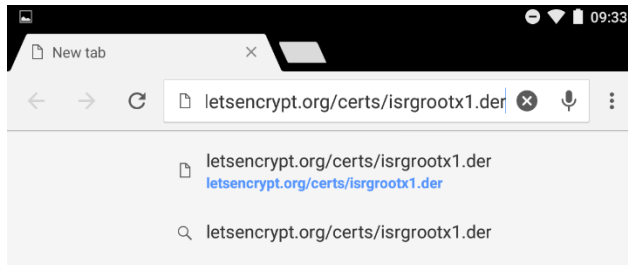
2. Open the certificate and fill in the following fields:
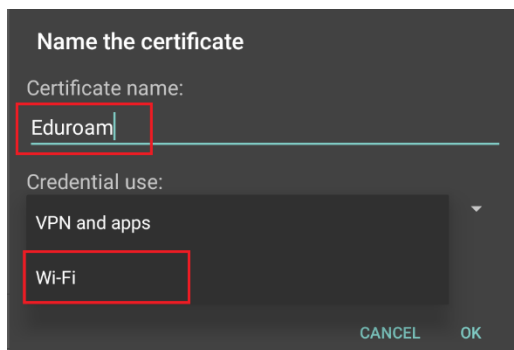
NOTE: For newer devices you may need to go to your Settings > Security > Advanced > Encryption and Credentials > Install from Storage.

3. **Select OK**

4. **Go into your Wi-Fi settings and click on Eduroam then Advanced Settings.**

5. **Ensure the following fields are filled out as followed:**
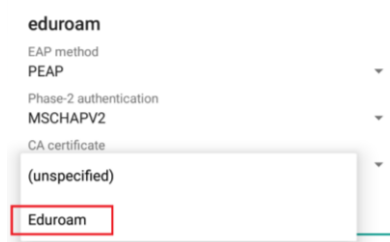   **EAP method: PEAP**
   Phase-2 authentication: MSCHAPV2
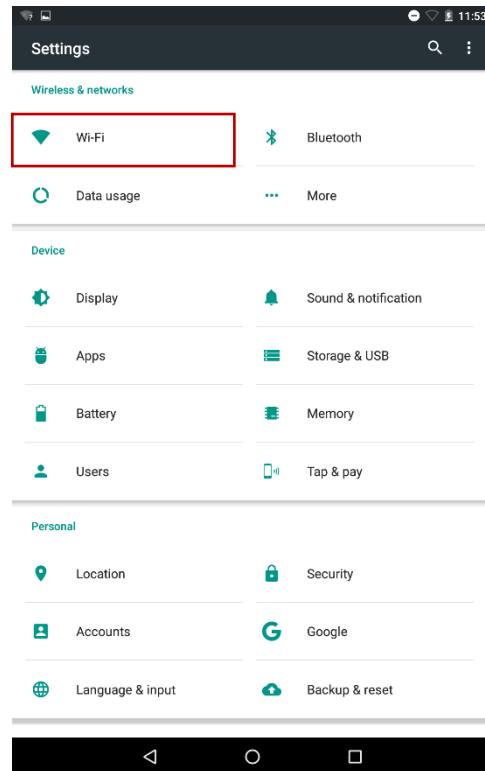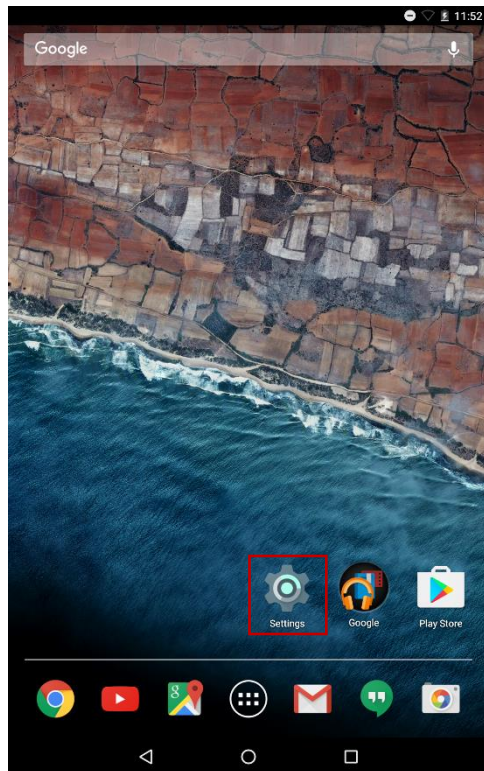   **CA certificate: Eduroam**
   Domain: sgul.ac.uk
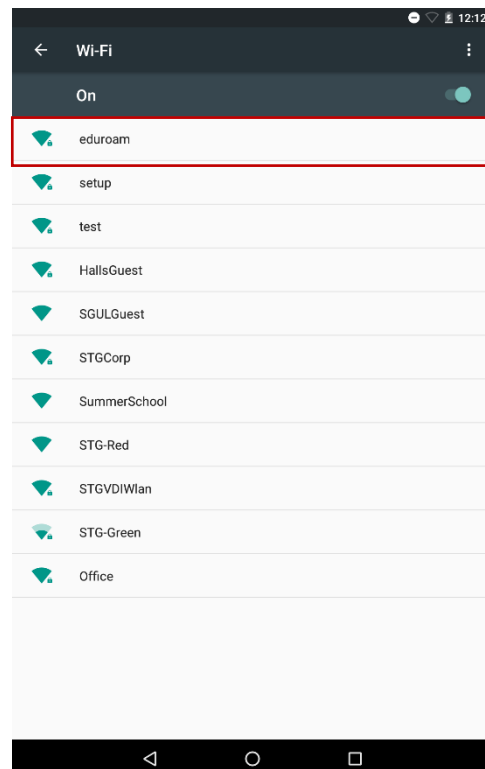   **Identity: yourusername@sgul.ac.uk**
   Password: yourpassword

If your device has Android OS below v7.1. Please try the following below to connect to Eduroam.
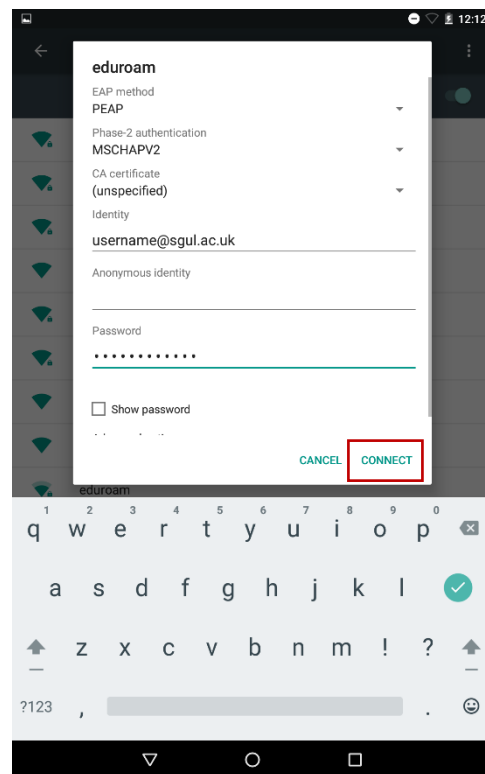
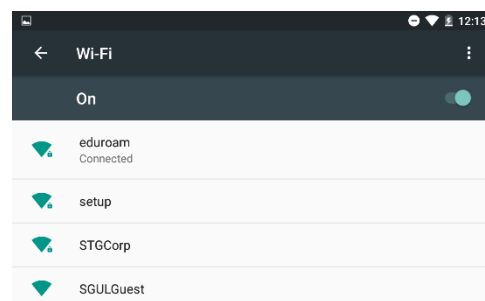1. From the home screen, **tap** on **Settings**, then **select Wi-Fi.**

2. From the list of Networks, **tap** on **eduroam**.

3. **In the network settings enter the following:**
    i. **EAP method: PEAP**
    ii. **Phase 2 authentication: MSCHAPV2**
    iii. **CA certificate: Use system certificates**
    iv. **Domain: sgul.ac.uk**
    v. **In the Identity field, type in your full SGUL email.**
       e.g. **username@sgul.ac.uk** or **username@hscs.sgul.ac.uk**
    vi. **In the Password field, type in your password then tap on Connect.**

4. **It may take a moment to connect to eduroam. Once you're connected the word "Connected" will be shown.**

**To remove eduroam settings from your Android device.**

If you need to remove the eduroam settings from your Android device, for example if you have changed your SGUL password and need to change it on the device, or if you are troubleshooting then follow this guide.

Please note you do not need to do this if you have just completed the guide on the previous page.

1. From the home screen, **tap** on **Settings**, then **select Wi-Fi**.
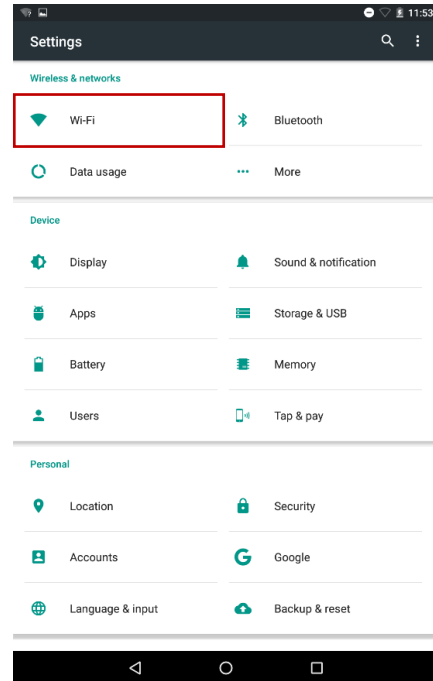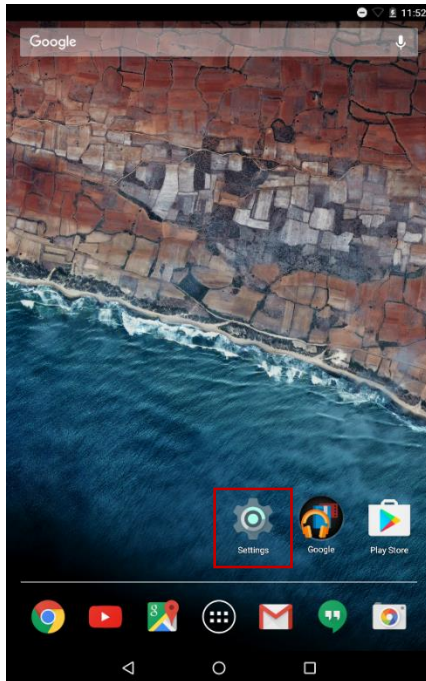
2. From the list of Networks, **press** on **eduroam**, then tap on **Forget network**.
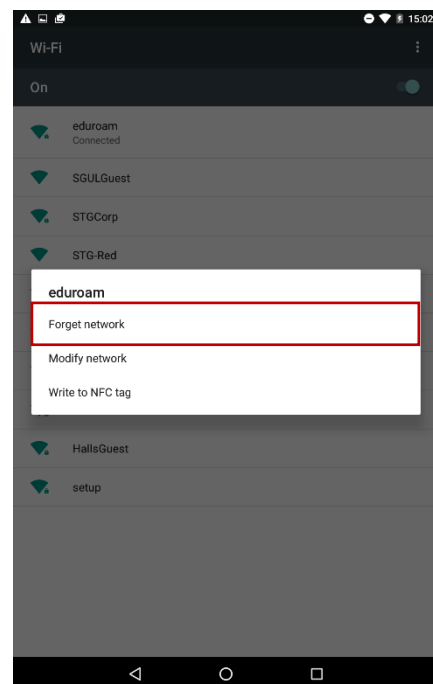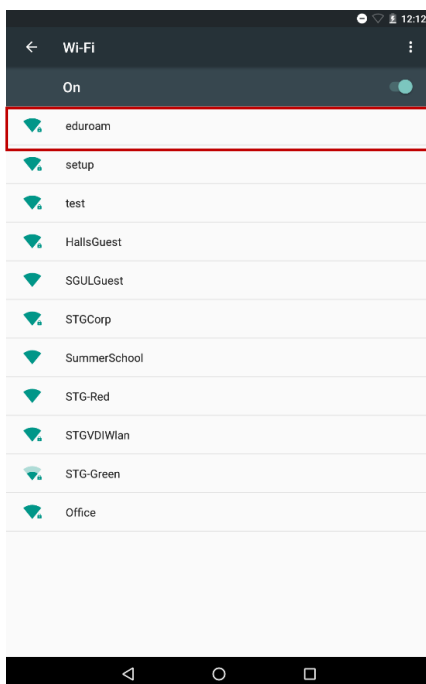
If you have recently changed your SGUL password and need to change it on the device then follow these steps.

1. From the list of Networks, **press** on **eduroam.**
    i. Tap on **Modify network**
    ii. In the **password** field, type in your new **SGUL** password.
    iii. Tap on **Save.**