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University of Sussex

IT Services

Connecting to wifi (eduroam)

IT Services' wireless network ("eduroam") provides students and staff of the University with a means to connect their personally owned computers and devices to the campus network. This allows you to check your email and connect to the internet free of charge.

This guide explains how to register and configure an **HTC phone** or **Samsung Galaxy S** but the same process will work on a range of Android devices.

If you are in doubt over any of the steps described in this guide, IT Services Enquiries in Shawcross will be able to help. Additional information about the wireless network can also be found online at:

sussex.ac.uk/its/wifi

Android

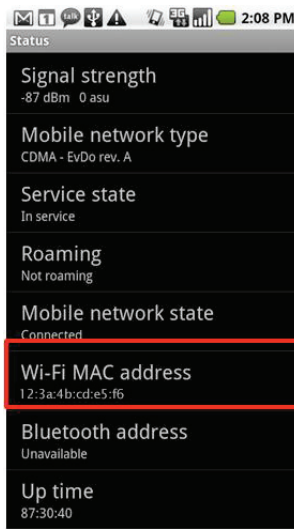


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1. Before you start

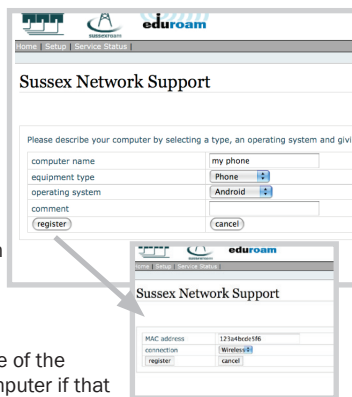
First of all, find the **Wifi address** of your device. This is the unique identifier that you will need to register your device with the eduroam network.

- Tap **Settings** from the programs menu
- Choose **About phone** and then the details are usually displayed under either **Status** or **Hardware information**
- Make a note of the **Wi-Fi MAC address**



2. Register to use eduroam

- Go back to the **Home** screen, then choose **Settings** and **Wireless controls**
- Tap **Wi-Fi settings** and then tap **Wi-Fi** to turn it on if not already enabled
- From the list choose the Sussex wifi setup network (sussex.ac.uk-wifi-setup)
- Now go back to the home screen and open the web browser to go to the registration page (if this page does not open automatically or you see a "Page not found" screen, type in the address manually: <https://www.sussex.ac.uk/roaming>, remembering the 's' in **https**)
- Click on the button to Register a computer. Specify the details for your device, giving it a name and then click **register**
- Click **register** again to add a MAC address. MAC here means "Media Access Control" and is the unique ID which is sometimes called a "Wi-Fi MAC Address" or "Wi-Fi address"
- If your MAC is not automatically filled in, then type in the Wifi address you noted in part 1 and click **Register**

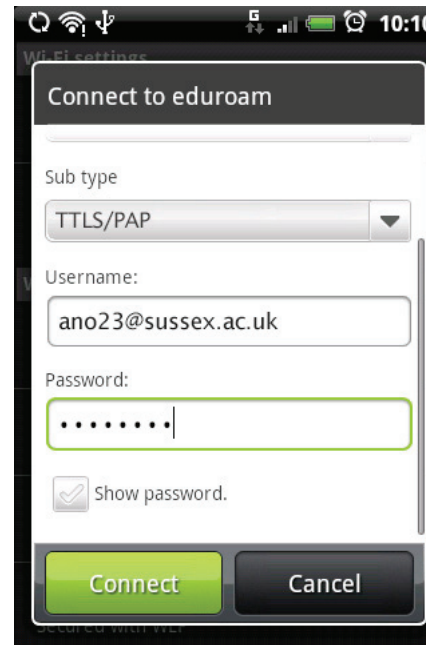


You can also complete this stage of the process from an IT Services computer if that is easier - just login and go to <https://www.sussex.ac.uk/roaming> and register the Wi-Fi MAC address and then you will be ready to complete the next step on your mobile device.

3a. Set up internet access on an HTC phone

Now you are ready to connect to **eduroam**:

- on your device, go into **Settings** and then **Wireless controls** followed by **Wi-Fi settings**
- in the network section, select **eduroam**
- Under EAP type, choose **TTLS** and for the sub-type, select **PAP**
- You will be asked for a username and password to log on to eduroam - make sure that you enter your Sussex username followed by "@sussex.ac.uk" so if your username were ano23, you would enter: ano23@sussex.ac.uk
- Enter your Sussex password as usual
- Click on **connect**



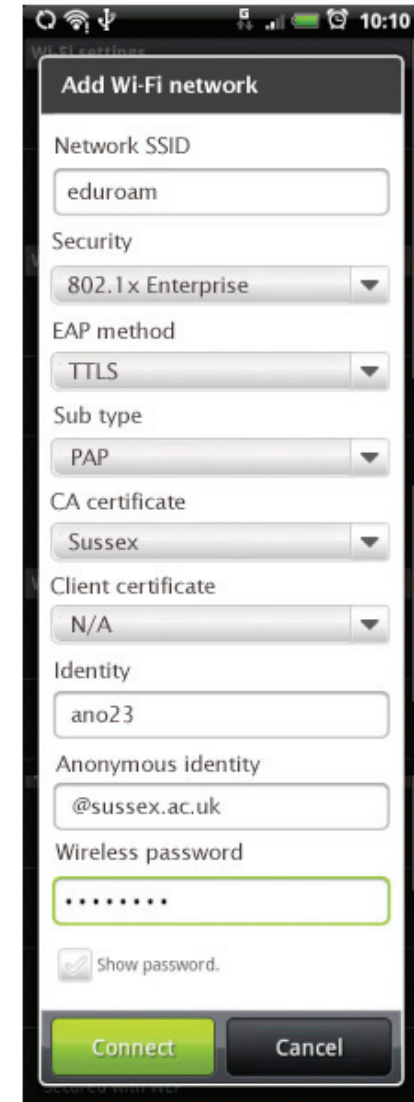
You normally need to follow this process the first time you login - in future your device should automatically detect and connect to eduroam.

Note - the connection pages are slightly different on some HTC models and may look like the screen on the next page. If you are asked to enter an Identity or Anonymous Identity instead of a username, enter the details as shown on the next page (i.e. your username for Identity and "@sussex.ac.uk" as the Anonymous Identity). Otherwise, the process is the same as above.

3b. Set up internet access on a Samsung Galaxy S

On a Samsung Galaxy S, you first need to add a security certificate (this is automatically installed on HTC phones so there is no need to complete this step for those devices).

- use your **3G connection** to navigate to the web address: **sussex.ac.uk/its/cert**
- to find the right certificate for your phone, click on each version in turn until you find one that is recognised as a valid format and you are asked to give it a name - call it **Sussex**
- On your device, go into **Settings** and then **Wireless & networks** followed by **Wi-Fi settings**
- choose **Add Wi-Fi network** and then type in the Network SSID as: **eduroam** (with a lower-case 'e')
- for EAP type, select **TTLS** and for the sub-type choose **PAP**
- for CA Certificate choose **Sussex** (the certificate you installed earlier)
- leave Client Certificate blank
- under Identity, type in your Sussex username (eg ano23)
- for Anonymous Identity enter @sussex.ac.uk
- finally enter your normal Sussex password as the wireless password
- tap on **Save** and after a few seconds, your phone should connect to eduroam



4. Test the connection

Your device is now set up to use the eduroam Wifi network.

Open the web browser and try connecting to an external web page (such as www.google.co.uk) to test that the connection is working.