Connecting to Eduroam for Students – Windows 7 & 8

Eduroam is a Wi-Fi service that allows students, tutors and research staff from educational/research institutions to connect to WiFi in any place throughout the world in which the Eduroam connection can be found.

In order to connect your Windows 7 or Windows 8 laptop to the Eduroam connection, it will need some of its settings changed first of all.

Please follow the guides below to get your laptop connected.

**Connecting to Eduroam with Windows 7 laptops**

1. Make sure that the Wi-Fi function of your laptop is turned on. This varies between different models and manufacturers but is usually done either by a switch or a combination of the ‘Fn’ key and one of the function keys.

2. Look to the bottom-right corner of the screen and you should see a signal bar icon with an orange star on it. Click on this icon. (As indicated to the right)

3. You should now see a list of all of the current connections that are being picked up. Click on Open Network and Sharing Center found at the bottom of this box.

4. You’ll now see a window with many options. In the top-left corner, click on Manage wireless networks (As indicated to the right)

5. On the next window, click on Add near the top-left corner

6. Now click on Manually create a network profile

7. In the next box, enter the following details:
   - Network Name: Eduroam
   - Security Type: Select WPA2-Enterprise
   - Encryption Type: Select AES
   - Leave tick beside ‘Start this connection automatically’
   - Do not tick ‘Connect even if the network is not broadcasting’

8. Click on Next, then click on Change connection settings

9. At the top of the next window that appears, click on the Security tab

10. Half-way down the next window, click on the Settings button (next to ‘Microsoft: Protected EAP’)

11. You’ll now see another window. Untick ‘Validate server certificate’ at the top of the box, then click on the Configure button (Below ‘Select Authentication Method’)

12. Remove the tick beside ‘Automatically use my Windows logon name and password (and domain if any)’, then click on OK
13. Click on **OK** on the window titled ‘Protected EAP Properties’ to close it.

14. You should now be back at the window titled ‘Eduroam Wireless Network Properties’. Click on the **Advanced settings** button near the bottom of the window.

15. Near the top of the next window that appears, **put a tick** beside ‘Specify authentication mode’

16. Now click on the drop-down box below that and select **User authentication**, then click on **Save credentials**

17. You’ll now see a box asking for a username and password. Enter your details in the following format:
   - **Username:** Your student number followed by @sruc.ac.uk (e.g. S00012345@sruc.ac.uk)
   - **Password:** Enter the password that you normally use to access the Student Desktop

18. Close all of the remaining windows, then click on the signal bar icon in the bottom-right corner of the screen, select the Eduroam connection and then click on **Connect**

19. You may see a box appearing at the bottom-right corner of the screen with options to Terminate or Connect. Click on **Connect** when you see this. It’s possible that it may do this 2-3 times before the connection is established.

20. Finally, you’ll be asked to select a location for the ‘Eduroam’ network. Select **Work Network** and should now be able to access the internet via the Eduroam connection.
Connecting to Eduroam with Windows 8 laptops

1. Make sure that the Wi-Fi function of your laptop is turned on. This varies between different models and manufacturers but is usually done either by a switch or a combination of the ‘Fn’ key and one of the function keys.

2. At the bottom-right corner of the screen you should see a signal bar icon with a star on it. Right-click on this icon and select Open Network and Sharing Center.

3. Now, beneath the ‘Change your network settings’ heading, click on Set up a new connection or network.

4. You’ll now see another window with four options. Click on Manually connect to a wireless network then click on Next.

5. In the next box, enter the following:
   - Network name: Eduroam
   - Security type: WPA2-Enterprise
   - Encryption type: AES
   - Leave tick beside ‘Start this connection automatically’
   - Do not tick ‘Connect even if the network is not broadcasting’

6. Click on Change connection settings.

7. At the top of the next window that appears, click on the Security tab.

8. Half-way down the next window, click on the Settings button (next to ‘Microsoft: Protected EAP’)

9. You’ll now see another window. Leave the tick beside ‘Verify the server’s identity by validating the certificate’ at the top of the box, then click on the Configure button (Below ‘Select Authentication Method’).

10. Remove the tick beside ‘Automatically use my Windows logon name and password (and domain if any)’, then click on OK.

11. Click on OK on the window titled ‘Protected EAP Properties’.

12. You should now be back at the window titled ‘Eduroam Wireless Network Properties’. Click on the Advanced settings button near the bottom of the window.

13. Near the top of the next window that appears, put a tick beside ‘Specify authentication mode’.

14. Now click on the drop-down box below that and select User authentication, then click on OK.
15. Close all of the remaining windows, then click on the signal bar icon in the bottom-right corner of the screen, select the Eduroam connection and then click on Connect.

16. You'll now see the prompt 'Windows can't verify the server's identity'. Click on Connect.

17. You'll now be prompted to enter a username and password. Enter your details in the following format:

   Username:  Your student number followed by @sruc.ac.uk (e.g. S00012345@sruc.ac.uk)
   ○ Password:  Enter the password that you normally use to access the Student Desktop

18. It may say 'Can’t connect to this network' the first time you try this. If so, run through steps 16-17 again and it should eventually connect.

If you experience difficulties while trying to connect to Eduroam on your Windows 7 or 8 laptop, please contact the IS Servicedesk on (0131) 535 4444