eduroam (education roaming) is a secure, world-wide roaming access service that allows university staff and students wireless internet access at participating national and international eduroam campuses. For more information on the eduroam service visit www.it.unsw.edu.au/students/eduroam. Use these instructions for setting up and testing your connection to eduroam on campus or connecting to eduroam at a remote campus location.

System requirements & prerequisites

- To access eduroam, you will need a properly configured 802.11a/b/g/n (WiFi) compatible notebook computer or mobile device that supports WPA2 Enterprise wireless security. Most new notebooks and many new mobile devices meet these requirements.

Step 1 - Activate your laptop’s wireless connectivity

Methods of turning wireless networking on and off differ from computer to computer. Some laptops have a key displaying the wireless symbol (left), while others require a manual connection method. If in doubt, consult your laptop’s user manual.

Step 2 - Configure your wireless connection for eduroam

You need to be on campus near a UniWide wireless hotspot such as a library, computer lab or common area to configure your computer for eduroam. To access eduroam on another campus, look for the eduroam logo or the local university’s wireless service symbol as eduroam uses local wireless infrastructure.
1. Click Start > Control Panel

2. Click on Classic View

3. Click on the Network and Sharing Centre icon

4. Under Tasks, click Set up a connection or network

5. Click Manually connect to a wireless network

Continued over...
6. Type **eduroam** (in lowercase) in the **Network name** field.

- Select **WPA2-Enterprise** from the **Security Type** drop-down menu.
- Select **AES** from the **Encryption type** drop-down menu.

7. Click **Next**

8. Click **Change connection settings**

9. Ensure the following are checked:
   - **Connect automatically when this network is in range**
   - **Connect to a more preferred network if available**

10. Click on the **Security** tab

- Check the **Cache user information...** (below Protected EAP drop-down menu)

11. Click on the **Settings**

Continued over...
12. Ensure the following are checked:
   - **Validate server certificate**
   - **UTN-USERFirst-Hardware** (scroll down to locate)
   - **Enable Fast Reconnect**

13. Click the **Configure** button

14. Ensure this is NOT checked

15. Click **OK** to close this window

16. Click **OK** to close the previous two windows

*When you see the *Manually Connect to a wireless network* window below - go to the Connect to eduroam steps overleaf*

*You have configured your laptop to connect to eduroam*
Step 3 - Connect to eduroam

1. Click **Connect to...**

2. Select **eduroam** then click **Connect**

3. Click on **Enter/Select additional log on information**

   - Enter your **z number** followed by @unsw.edu.au in the **Username** field (as in: z1234567@unsw.edu.au)
   - Enter your **zPass** password in the **Password** field

*Continued over...*
You are now connected to the eduroam wireless network

While you are on the UNSW campus, please use the UniWide service as eduroam has limited capacity

Once you have completed the above instructions your laptop should automatically connect to eduroam whenever your are within range of a eduroam access point at a participating eduroam location anywhere in the world.

Note: ensure your laptop has wireless connectivity turned on before attempting to access eduroam.

If you change your zPass in the future - you will be prompted to re-enter it the next time you attempt to connect to eduroam

If you have any issues or questions, please contact the IT Service Centre at itservicecentre@unsw.edu.au