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/staff/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.

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1. Click **Start > Control Panel**

2. Under **Network and Internet** click View Network status and tasks

3. Click **Set up a new connection or network**

4. Click **Manually connect to a wireless network**

*Continued over...*
5. 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

6. Click Next

7. Click Change connection settings

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

9. Click on the Security tab
   - Check the Remember my credentials... (below Protected EAP drop-down menu)

10. Click on the Settings

Continued over...
11. Ensure the following are checked:
   - Validate server certificate
   - AddTrust External CA Root
   - Enable Fast Reconnect

12. Click the **Configure** button

13. Ensure this is **NOT** checked

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

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

When you see the *Manually Connect to a wireless network* window, click **Close**

You have configured your laptop to connect to eduroam

Continued over...
Step 3 - Connect to eduroam network

1. Click on the **Additional information is needed** bubble if it appears (then go to step 4)

   *OR if the bubble is not visible...*

2. Click **Connect to a network** inside the **Network and Sharing Center** window

3. Then select **eduroam** in the **Connections are available** window and click the **Connect** button.

\[ ![Network and Sharing Center Window] \]

- 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 then click **OK**

\[ ![Windows Security Window] \]

\[ ![Connecting to eduroam Window] \]

A **Connecting to eduroam window** will appear
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 you are within range of an 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