**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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eduroam setup instructions

Step 1 - Activate your laptop’s wireless connectivity

To access wireless services you need to activate your laptop’s wireless connectivity. If you look in your System Tray and see an icon like the one below - wireless connectivity is already on - go to page 3.

![](image)

Some of the latest laptops with built-in wireless have a **Wireless key** in the top row of the keyboard or a button elsewhere (check your laptop manual). Pressing this key toggles the wireless connection on and off. Press it on to activate your wireless connection then go to page 3.

If your laptop does not have a wireless button follow these steps:

1. Click on **Start > Control Panel** and double-click the **Network Connections** icon (Some users may find this under **Start > Settings > Control Panel**).

   If you don’t see the same icons as below click “Switch to Classic View” in the left pane of the Control Panel window.

2. Right click the **Wireless Network Connection** icon and select **Enable**.

   If the word **Disable** is listed instead, this indicates that the connection is already active so do not change it.

Your computer’s wireless connection has now been turned on

Continued over...
Step 2 - Configure your wireless connection for eduroam

Following on from the previous page...

You should see a Wireless Network Connection icon in the System Tray (the System Tray is located on the bottom right hand corner of your screen).

1. Right-click the Wireless Network Connection icon in the System Tray (above)

2. Select Open Network Connections

3. Right-click Wireless Network Connection and select Properties

4. Ensure these items are checked

5. Select the Wireless Networks tab

   - Check Use Windows to configure my wireless network settings

6. Click the Add button

Continued over...
7. Type eduroam (all in lowercase) into the Network Name (SSID) field
   - Select WPA2 from the Network Authentication drop-down menu
   - Select AES from the Data Encryption drop-down menu
   - If WPA2 is not available, you will need to check if your device supports WPA2. If it doesn’t you may need to perform a Windows Update.

8. Click the Authentication tab
   - Select the Protected EAP (PEAP) from the EAP type drop-down menu
   - These should be unchecked

9. Click on the Properties button under EAP Type

10. Ensure the following are checked:
    - Validate server certificate
    - UTN-USERFirst-Hardware
    - Enable Fast Reconnect
    - Click the Configure button

Continued over...
Step 3 - Connect to eduroam

If a yellow bubble appears above the system tray, follow the instructions overleaf. If no bubble appears follow the instructions below:

1. Right-click on the Wireless Network Connection icon in the system tray and select View Available Wireless Networks.

2. Select the eduroam network
A yellow Wireless Network Connection bubble will appear above the system tray

3. Click inside the bubble

An Enter Credentials login window will appear

- 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
- Leave the Logon domain field blank

4. Click OK

5. Click inside the bubble

6. Click OK to validate the certificate

Note: you may have to enter your zPass credentials a few times - this is normal

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 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