



# Setup guide for Windows Vista

**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](http://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.

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## eduroam setup instructions

### Step 1 - Activate your laptop's wireless connectivity



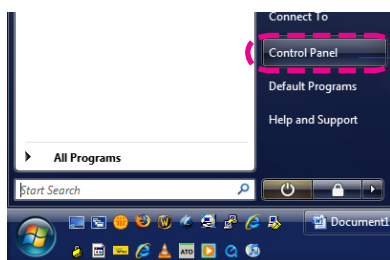
Methods of turning wireless networking on and off differ from computer to computer. Some laptops have a key displaying the wireless symbol (left), while others require a manual connection method. If in doubt, consult your laptop's user manual.

### Step 2 - Configure your wireless connection for eduroam

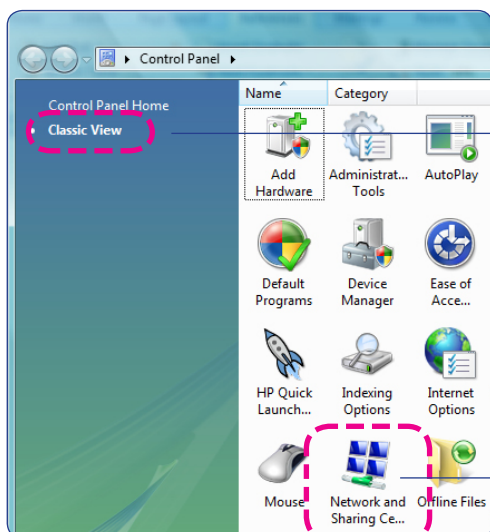


*You need to be on campus near a UniWide wireless hotspot such as a library, computer lab or common area to configure your computer for eduroam. To access eduroam on another campus, look for the eduroam logo or the local university's wireless service symbol as eduroam uses local wireless infrastructure.*



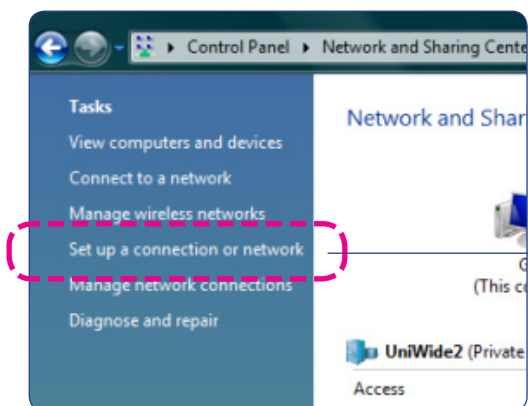
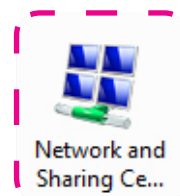


1. Click **Start > Control Panel**

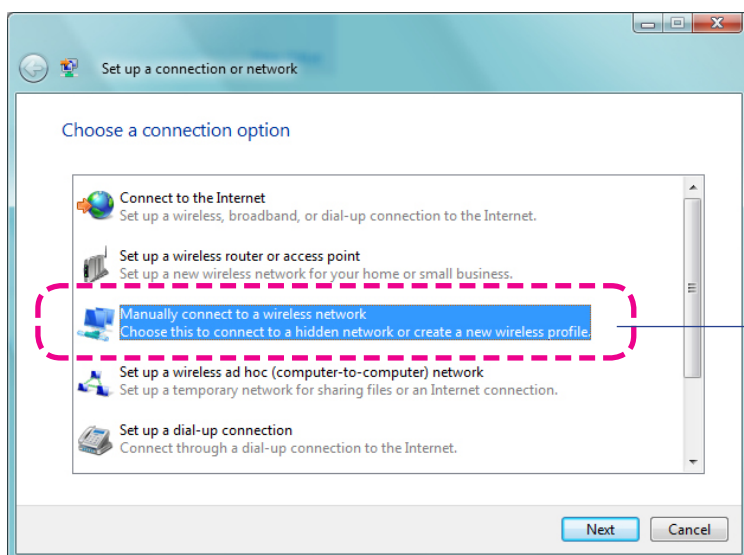


2. Click on **Classic View**

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...*

Manually connect to a wireless network

Enter information for the wireless network you want to add

Network name: uniwide

Security type: WPA2-Enterprise

Encryption type: AES

Security Key/Passphrase:  ☐ Display characters

☒ Start this connection automatically

☐ Connect even if the network is not broadcasting

Warning: If you select this option, your computer's privacy might be at risk.

Next

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**

Manually connect to a wireless network

Successfully added uniwide

→ Connect to...  
Open the "Connect to a network" dialog so I can connect.

→ Change connection settings  
Open the connection properties so that I can change the settings.

8. Click **Change connection settings**

uniwide Wireless Network properties

Connection Security

Name: uniwide

SSID: uniwide

Network Type: Access point

Network Availability: All users

☒ Connect automatically when this network is in range

☒ Connect to a more preferred network if available

☐ Connect even if the network is not broadcasting

☐ Enable Intel connection settings

9. Ensure the following are checked:

- **Connect automatically when this network is in range**
- **Connect to a more preferred network if available**

uniwide Wireless Network properties

Connection Security

Security type: WPA2-Enterprise

Encryption type: AES

Choose a network authentication method:  
Protected EAP (PEAP) Settings...

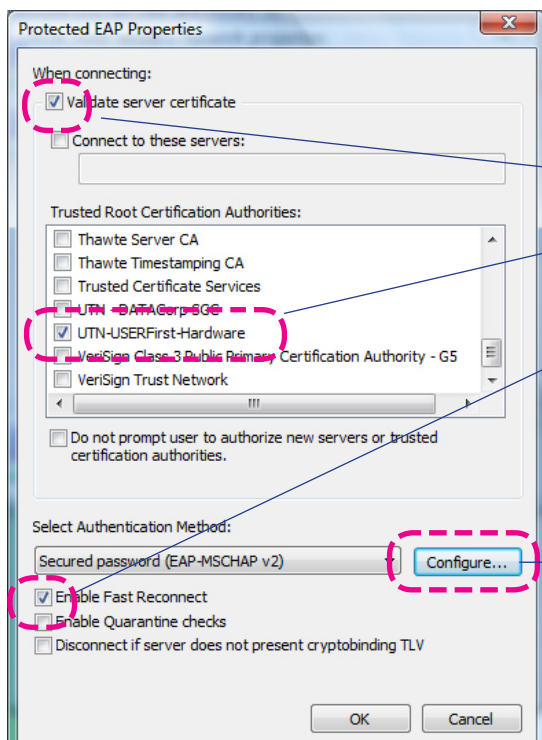
☒ Cache user information for subsequent connections to this network

10. Click on the **Security** tab

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

11. Click on the **Settings**

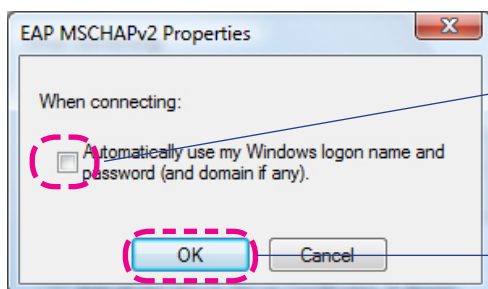
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12. Ensure the following are checked:

- **Validate server certificate**
- **UTN-USERFirst-Hardware** (scroll down to locate)
- **Enable Fast Reconnect**

13. Click the **Configure** button

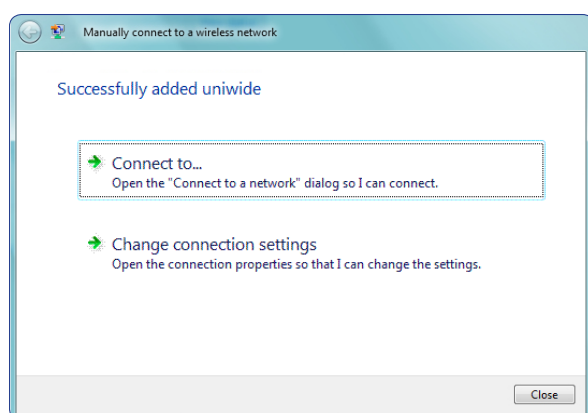


14. Ensure this is NOT checked

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

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

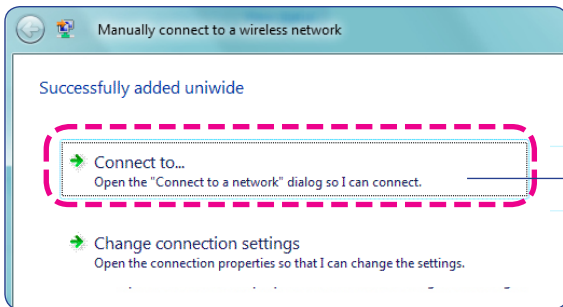
When you see the **Manually Connect to a wireless network** window below - go to the Connect to eduroam steps oveleaf



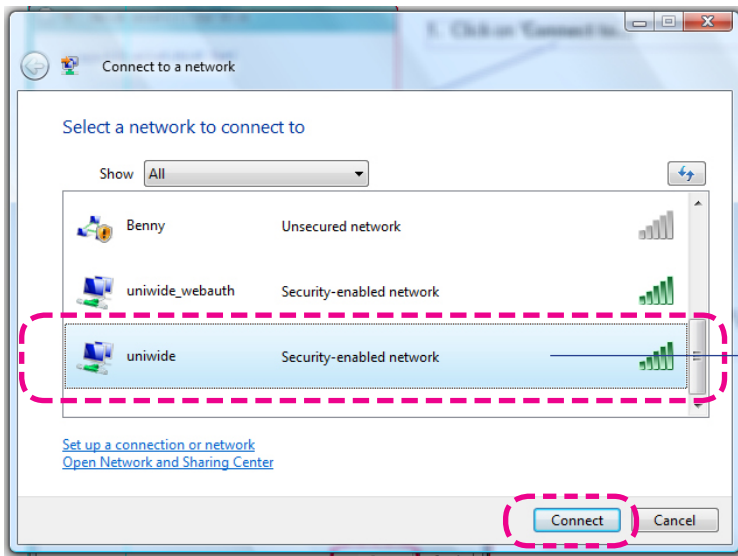
**You have configured your laptop to connect to eduroam**

Continued over...

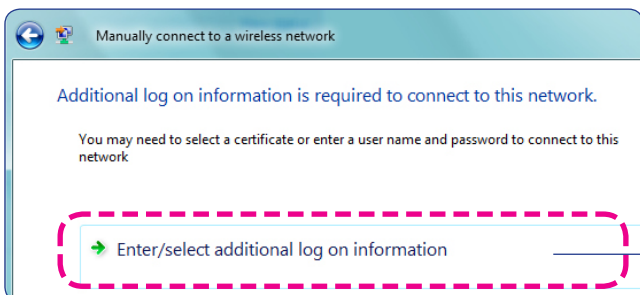
## Step 3 - Connect to eduroam



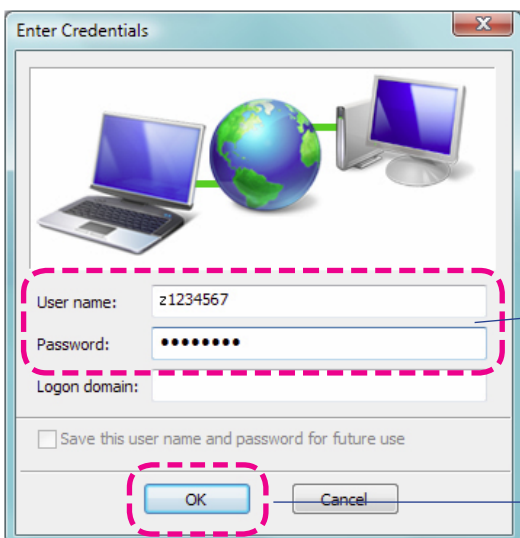
1. Click **Connect to...**



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



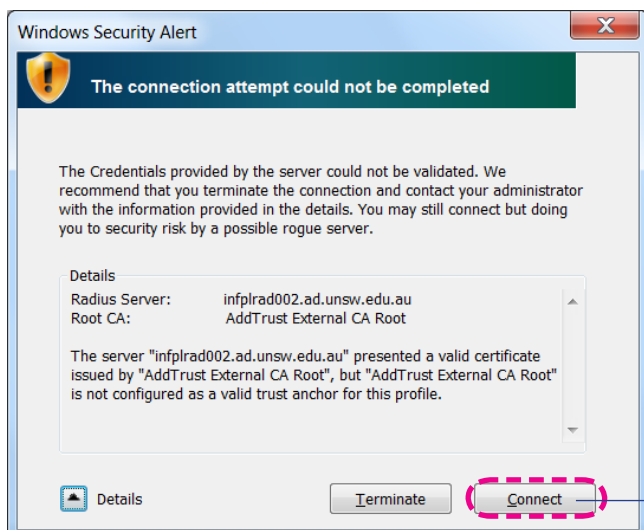
3. Click on **Enter/Select additional log on information**



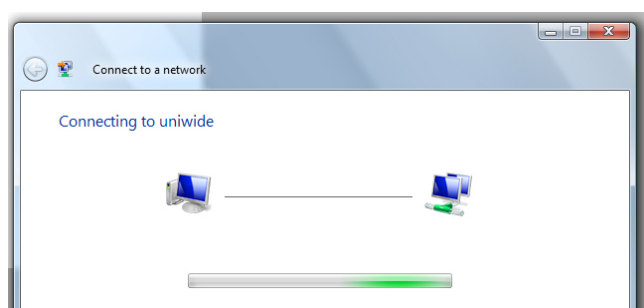
- Enter your **z number** followed by **@unsw.edu.au** in the **Username** field (as in: z1234567@unsw.edu.au)
- Enter your **zPass** password in the

**Password** field

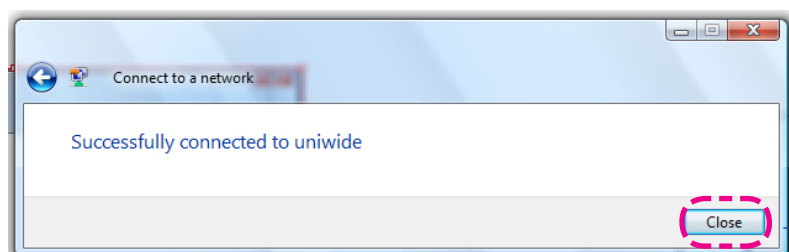
*Continued over...*



• Click **OK**



A **Connecting to eduroam** window will appear



A **Successfully connected to eduroam** message will appear

4. Click **Connect**

**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](mailto:itservicecentre@unsw.edu.au)