

# Accessing Education Roam (EduRoam) using Mac OS version 10.5 or 10.6

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EduRoam is a service that enables CQUniversity students and staff to connect a secure wireless network while *visiting* other educational institutions around the world. This makes it possible to travel (for work or study purposes) and connect to the internet the same as if you were using <u>CQUniversity Roam</u> on campus.

You can find out where EduRoam is available in Australia at: <u>http://www.eduroam.edu.au/tools-and-resources.html</u>.

### Requirements

The following requirements are needed when using *Mac OS 10.5* or *Mac OS 10.6* to access EduRoam:

- Download the latest updates from the Apple website <a href="http://support.apple.com/downloads/">http://support.apple.com/downloads/</a>
- Use a Network Airport Wireless card with the latest drivers. EduRoam uses 802.11a/g/n (54meg, not the 108meg dual channel systems available on the market).
- Ensure the IP address is configured to use dynamic IP address allocation. *If it is set to a fixed address it will not work.*

## Instructions

These instructions are available to assist students and staff connecting to EduRoam using a *Mac OS 10.5* or *Mac OS 10.6* laptop.

1.	Click the " <b>Apple</b> " icon in the top-left corner. 2.	<b>Finder</b> File Edit View
2.	Select the "System Preferences" option.	About This Mac Software Update
3.	Click the " <b>Network</b> " icon (pictured below).	Mac OS X Software
		System Preferences
		Dock 🔹 🕨
		Location ►
		Recent Items
3.		Force Quit て第3
ુ.	Internet & Wireless	Sleep \\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\
		Restart
	MobileMe Network Bluetooth Sharing	Shut Down
		Log Out Test User 企業Q



## Accessing EduRoam using Mac OS version 10.5 or 10.6 (continued)

4. A new "**Network**" window will open.

Select the "AirPort" option and click the "Advanced..." tab (pictured below).

Loc	ation: Automatic	•	
Ethernet Not Connected FireWire Hot Connected	Status: On AirPort is tu a network.	Turn AirPort Off	
AirPort On Con Bluetooth PAN Not Connected	Known ne If no know	ork selected	
+ - \$-	☑ Show AirPort status in menu	bar Advanced)	?)

Click the plus " +" symbol on the bottom left.

A new menu will open. Select "Add User Profile" (pictured below).

		Wireless Network:
+		Security Type:
ľ	Add User Profile	ne Ablant statut, in
	Add Login Window Profile	
	Add System Profile	



## Accessing EduRoam using Mac OS version 10.5 or 10.6 (continued)

- 6. Please complete the following fields with the necessary information:
  - Enter "eduroam" as the profile name
  - User Name: In the username field, please enter your CQUniversity staff or student user name followed by: example [username]@cqu.edu.au
  - Password: Enter your CQUniversity staff or student login password
  - Authentication: Ensure only "PEAP" is selected
  - Wireless Network: Select "eduroam" from the drop-down menu
  - Security Type: Choose "WPA2 Enterprise" (if it isn't already selected)
- 7. Click **'OK'** to close the window.

)	Network	
Show All		٩
AirPort		
AirPort TCP/	IP DNS WINS 802.	1X Proxies Ethernet
	Station, On	
User Profiles		
🗹 EDURoam	User Name:	username@ cqu.edu.au
	Password:	••••
		Always prompt for password
	Authentication:	Enable Protocol
	Authentication.	
		PEAP
		TLS
		EAP-FAST
		Configure
		Configure Trust
	Wireless Network:	eduroam 💌
	Security Type:	WPA2 Enterprise
		Cancel

The network window should now have an entry for "802.X1: EDURoam".
Click the "Connect" button.





## Accessing EduRoam using Mac OS version 10.5 or 10.6 (continued)

- 9. Once the laptop has connected to EduRoam, students and staff should see information under the "Connected" field and the "802.1X: EDURoam" field.
- 10. Click "**Apply**" to close the "**System preferences...**" and save the settings.

The EduRoam (wireless) connection should now be available. To test the connection, simply open a new web browser and enter a website address such as: <u>http://www.google.com</u>. If the website opens, the wireless connection has been successfully established.

00	Network	
Show All		Q
Lo	cation: Automatic	•
● AirPort Connected		rPort is connected Turn AirPort Off address 138.77.126.187.
	Network Name:	eduroam 🗘
		Ask to join new networks Known networks will be joined automatically. If no known networks are available, you will have to manually select a network.
	802.1X: EE	DURoam Disconnect
		uthenticated via PEAP (MSCHAPv2) onnect Time: 00:00:19
+ - \$-	Show AirPort status i	in menu bar (Advanced) (?)

#### Hints and Tips:

- If the *Airport wireless* card is not on, an error message will state: "There was an error joining the selected Airport network".
- Once the wireless connection is established, students and staff will automatically be connected to EduRoam (the wireless network available on campus) once they restart their computers.
- If the CQUniversity login password entered during the initial setup is incorrect, students and staff will get an error stating "802.1x authentication has failed".

#### Need assistance accessing EduRoam?

Students and staff can contact the Technology and Services Assistance Centre if they need any technical assistance accessing EduRoam .

Phone: 1300 666 620	Email: <u>tasac@cqu.edu.au</u>
Internal Extension: 9090	Online Request: http://tasac.cqu.edu.au
International: 61 7 4930 9090	