How to connect your MAC to eduroam

The wireless service enables members of the University to connect to the University network and the Internet using their own computers and devices at various locations around the University and Halls of residence. This guide contains instructions to connect a computer to the eduroam wireless service.

How to configure Mac OSX Mountain Lion Video (same as Yosemite)

Manual Configuration

To follow these instructions, please ensure you are connected to SwanseaUni-setup Step 1 - Register



You should first register your MAC to work on eduroam at swansea. To do this, while connected to SwanseaUni-setup network open Safari and you will be redirected to the Swansea University Wi-Fi website. On there you will see a <u>registration page</u>, please follow this link and register.

Step 2 - Configure eduroam connection

1. Click on the Wi-Fi icon in the status bar at the top right corner of the screen and select **Open Network Preferences**.



2. Next click the **Advanced** button.

O Image: Image of the state of the st	Network	Q
Locat	ion: Swansea	\$
Wi-Fi Image: Connected Ethernet Image: Connected Not Connected Image: Connected Swansea Uni Image: Connected Not Connected Image: Connected	Status: Connect Wi-Fi is co has the IP Network Name: Swansed Swansed Ask to Known r If no kni be asked	ed Turn Wi-Fi Off onnected to SwanseaUni-setup and address 192.168.38.70. aUni-setup o join new networks networks will be joined automatically. bown networks are available, you will d before joining a new network.
+ - * • Click the lock to prevent fu	Show Wi-Fi status in menu rther changes.	bar Advanced ?

3. Now click the + icon to add a Wi-Fi network

S	atus: Connected	Hardware
Preferred Networks:		
Network Name	Security	
SwanseaUni-setup	None	e la companya de la compa
+ − Drag networks into the Add Wi-Fi network prks this Require administrator author	e order you prefer. s computer has joined prization to:	
Create computer-to-c	omputer networks	
Change networks Turn Wi-Fi on or off		

4. Next fill in the following information:
Network Name:eduroam
Security:WPA2 Enterprise
Mode:Automatic
Username:123456@swansea.ac.uk (Your Swansea email address)
Password:(Your email password)

Add a Wi-Fi Enter the name add.	network profile. and security type of the profile you want to		
Network Name:	eduroam		
Security:	WPA2 Enterprise \$		
Username:	: 123456@swansea.ac.uk		
Password:			
	Show password		
? Choose a network	k Cancel OK		

- 5. After clicking ok, click the **Proxies** tab.
- 6. Tick the Auto Proxy Discovery option.

WI-FI TCP/IP DINS	WINS 802.1X Proxie	s Hardware
select a protocol to configure:		
Auto Proxy Discovery		
 Automatic Proxy Configuration Web Proxy (HTTP) 	rk Name: SwanseaUni-r	
Secure Web Proxy (HTTPS)	Ask to join	
FTP Proxy	Known network	
SOCKS Proxy	be asked before	
Streaming Proxy (RTSP) Copher Proxy		
Exclude simple hostnames	sts & Domains:	
*.local, 169.254/16		
🗹 Us	e Passive FTP Mode (PASV)	Advanced

7. Now click OK. You may be prompted for the Systems User account password.

8. Next click the Wi-Fi icon again and select eduroam from the list.

9. When it tries to connect you will see the 802.1X status appear.

10. You may be prompted to accept a certificate. Check it is the Swansea University certificate and select **Continue**.

000	Verify Certificate			
	Authenticating to network "eduroam" Before authenticating to server "bouncer.swan.ac.uk", you should examine the server's certificate to ensure that it is appropriate for this network. To view the certificate, click 'Show Certificate'.			
✓ Always trust "bouncer.swan.ac.uk"				
🔯 Swansea University Certificate Authority				
↦ 📷 bouncer.swan.ac.uk				
· · · · · · · · · · · · · · · · · · ·				
	bouncer.swan.ac.uk Issued by: Swansea University Certificate Authority Expires: Thursday, 2 September 2021 14:22:46 British Summer Time This certificate was signed by an untrusted issuer			
► Details				
▶ Details				
?	Hide Certificate Cancel Continue			

11. The 802.1x status should change to **Authenticated**.

0 0	Networ	k	
Show All			Q
	Location: Swansea		\$
• Wi-Fi Connected	Status	Connected	Turn Wi-Fi Off
⊖ Ethernet Not Connected	\$~~>	Wi-Fi is connected to e IP address 137.44.128	duroam and has the .18.
● FireWire Not Connected	Network Name	eduroam	\$
⊖ Swansea Uni Not Connected		Ask to join new networks Known networks will be joined automatically. If no known networks are available, you will be asked before joining a new network.	
	802.1X	: Default	Disconnect
		Authenticated via PEAF Connect Time: 00:00:0	(MSCHAPv2) 19
+ - 🌣 🔻	Show Wi-Fi statu	s in menu bar	Advanced ?
Click the lock to p	prevent further changes.	Assist me	Revert Apply

12. You are now connected to **eduroam**.