

IT Training Department eduroam connection guide – Mac OS X 10.6 (Leopard and Snow Leopard)

March



**Connection Guide** 

eduroam

Mac OS X 10.6 (Leopard and Snow Leopard)



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## **Document Control**

Version	Date	Author	Changes
1.0	17/02/2012	Robyn Boswell	Initial Manual Production and conversion to London Business School Formatting

#### Table of contents

1	Introduction	3
2	Getting Connected	3
3	Requirements	3
4	Configuring eduroam	4
5	Help and Support	7



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#### 1 Introduction

The purpose of this document is to provide Mac OS X 10.6 (Leopard and Snow Leopard) users with instructions for connecting to the JANET Roaming Service (JRS) eduroam for members of the London Business School community.

### 2 Getting Connected

The JANET Roaming Service (JRS) at London Business School is advertised via the eduroam wireless network and secured using IEEE 802.1x/ EAP-PEAP authentication.

### 3 Requirements

The following is required to connect to the JRS eduroam service at London Business School:

- For London Business School Staff, Faculty and Students:
  - A London Business School userid & password.
  - To use eduroam you need to have a @london.edu mailbox hosted by the School. Please note that other arrangements exist for Alumni and Executive Education Participants; please refer to WALT or SetupWifi for further details.
- For External eduroam users of Partner Institutions:
  - Please refer to instructions issued by your own institution's IT department as their requirements for authentication may differ from those required by London Business School. Provided you meet the criteria set by your home institution you should be able to use the eduroam network on the London Business School campus. If you have any queries or need support please refer to your home institution IT Support.
- Apple AirPort.



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# 4 Configuring eduroam

Open your network preferences and ensure that AirPort is Off. Click Advanced...

	Location (	Automatic		<b>;</b>
Ethernet Not Connected FireWire Not Connected	«»»	Status	Off	Turn AirPort On
AirPort Off		Network Name	AirPort: Off ✓ Ask to join n Known networks If no known netw be asked before.	* ew networks will be joinec automatically. orks are available, you will joining a new network.
- ¢-		Show AirPort state	us in menu bar	Advanced)

Select the 802.1X tab. Click the Add sign (+) and select Add user profile.

Name the profile: eduroam.

Iser Profiles	1					
			-			
🥑 eduroam	User	Name	isdt.m	ba2013	@london.ed	du
	Pass	word	•••••	•••		
			Alw	ays pror	npt for pas	sword
	Authentic	ation	Enable	Protoco	1	
				TTLS		0
				PEAP		2
				TLS	ACT	
				CAF-F/	101	M
			Cont	qure		
			$\subset$	Configu	ure Trust	
	Wireless Net	twork	eduro	am		-
		_	(			
	Wireless Ne	twork	Confi	qure Configu	ire Trust	



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Insert the following criteria:

User Name	Enter your full @Iondon.edu email address
Password	Enter your <b>password</b>
Security Type	Select WPA Enterprise
Authentication	Ensure that EAP-FAST is ticked
Wireless Network	Enter <b>eduroam</b>

Click OK

You will return to the Network page. Click the Advanced button again.

Select the AirPort tab. Click the Add sign (+) to add a new wireless network.



You will see the following window:

enter the nam enter the pass Networks to s	e of the network you want to add sword if necessary. You can also ee a list of available retworks.	l, and then click Show
Network Nam	e: eduroam	
Securit	y: WPA2 Enterprise	1
User Name	e:	
Password	d:	
802.1	X: Automatic	

Insert the following criteria:

Network Name	Enter eduroam
Security	Select WPA2 Enterprise
User Name	Enter your full @Iondon.edu email address
Password	Enter your <b>password</b>
802.1X	If eduroam is an option within this field, select it – this will auto-
	complete your login details. Alternatively, leave it on Automatic.



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Click Add.

Click **OK** to close the Advanced window.

Turn on AirPort. Ensure any unsaved changes are applied.

"Connect" to eduroam, or select it from the available networks.

You may be prompted again for your **User Name** (email address) and **Password**. If "eduroam" is an option in the **802.1X dropdown**, then this will auto-complete your login details.

User Name:	isdt.mba2013@london.edu	
Password:	•••••	
802.1X:	eduroam	\$

Click OK.

Click **Continue** when presented with the certificate warning to connect. You may click on "show" to display / check the certificate details.

	authenticating to network "eduroam"
B tł	efore authenticating to server "srvnet02.london.edu", you should examine ne server's certificate to ensure that it is appropriate for this network.
т	o view the certificate, click 'Show Certificate'.
Always trust "s	rvnet02.london.edu"
AddTrust Ex	kternal CA Root
↦ 📴 UTN-U	SERFirst-Hardware
ч 📴 ТЕ	RENA SSL CA
L+ 🛅	srvnet02.london.edu
Trust	ssued by: TERENA SSL CA ixpires: Thursday, 20 November 2014 23:59:59 United Kingdom Time ) This certificate is valid
When	using this certificate: Always Trust 🛟 ?
Extensible A	Authentication (EAP)
	X.509 Basic Policy Always Trust
▼ Details	
Subject	t Name
Common	1 Name srvnet02.london.edu
Common	1 Name srvnet02.london.campus.london.edu
Common	1 Name srvnet01.london.edu
Common	1 Name srvnet01.london.campus.london.edu
C	Country GB
State/Pr	ovince London
L	ocality London
Organ	ization London Business School
Organization	al Unit Information Systems Division



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### 5 Help and Support

Clearing any existing configuration and starting again typically resolves a majority of connection issues. I.e. follow the instructions for section 4 – Configuring eduroam – but instead remove any reference to eduroam, then repeat the configuration steps.