Connecting to EDUROAM via Microsoft Windows 7 with the Built in Supplicant

The following instructions apply to using the Eduroam wireless service on Microsoft Windows 7 machines.

1. Select [Start] and then [Control Panel]. In the Control Panel, select [Network and internet]



2. In the "Network and Internet" panel, click on [Network and Sharing Centre]



3. In the Network and Sharing centre, select [Setup a New Connection or Network]



4. Select [Manually connect to a wireless network]



5. On the manual configuration screen, the Network Name is eduroam, Security Type is WPA2-Enterprise, Encryption Type is AES. After typing these in, click Next

🚱 👰 Manually connect to a v	vireless network	
Enter information for	the wireless network you want to add	
Network name:	eduroam	
Security type:	WPA2-Enterprise 👻	
Encryption type:	AES	
Security Key:	Hide characters	
V Start this connectior	automatically	
Connect even if the	network is not broadcasting	
Warning: If you sele	ct this option, your computer's privacy might be at risk.	
	Ne	xt Cancel

6. The next screen will say that the network has been configured. There are still more settings however, so select [Change Connection Settings]

Ge 😰 Manually connect to a wireless network	
Successfully added eduroam	
 Change connection settings Open the connection properties so that I can change the settings. 	>
	Close

7. The initial screen should have the details filled in already,

eduroam Wireless Network Properties		23
Connection Security		
Name:	eduroam	
SSID:	eduroam	
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 its name (SSID)		
OK Cancel		

select the [Security] tab and then next to the [Microsoft: Protected EAP (PEAP)] option, click on the settings button.

eduroam Wireless Network Properties	23
Connection Security	
Security type: WPA2-Enterprise Encryption type: AES	-
Choose a network authentication method Microsoft: Protected EAP (PEAP)	tings
Advanced settings	
ОК	Cancel

8.

- In the PEAP Properties window uncheck the box that says Validate Server Certificate.
- Uncheck the box that says Do not prompt user..., check Enable Fast Reconnect
- On the EAP-MSCHAP secured password option, click on the configure button.

Protected EAP Properties
When connecting:
Validate server certificate
Trusted <u>R</u> oot Certification Authorities:
AAA Certificate Services
AC Raíz Certicámara S.A.
C RAIZ DNIE
ACEDICOM Root
ACNLB
Actalis Authentication CA G1
4 III •
Do not prompt user to authorize new servers or trusted certification authorities.
Secured password (EAP-MSCHAP v2)
✓ Enable Fast Reconnect
Enforce Network Access Protection
Disconnect if server does not present cryptobinding TLV
Enable Identity Privacy
OK Cancel

9. Uncheck the box to use your windows credentials, then click ok.

EAP MSCHAPv2 Properties	
When connecting:	
Automatically use my Windows logon name and password (and domain if any).	
OK Cancel	

10. From the Security tab on the eduroam Wireless Network Properties screen, click on the Advanced Settings button

11. On the Advanced Settings screen click on the 802.1x Settings tab and, from the pull-down menu select [User Authentication] then click on OK

Advanced settings		
802.1X settings 802.11 settings		
Specify authentication mode:		
User authentication Save gredentials		
Delete credentials for all users		
Enable sign on for this network		
Perform immediately before user logon		
Perform immediately after user logon		
Maximum delay (seconds):		
Allow additional dialogs to be displayed during single sign on		
This network uses separate virtual LANs for machine and user authentication		
OK Cancel		

- 12. Select OK to close all the various dialogue boxes
- 13. Select Close to close the Manually connect to a wireless network screen.
- 14. Once near a eduroam access point, select the access point from the possible connections. You should get an automatic information box which will give a login prompt when selected



15. After this your login details must be entered to achieve full network usage. Enter your EDUROAM Account.

Do not forget to add **YOUR** domain. ("@OX.AC.UK" is just an example in the picture below!).

Windows Security	,		23
Network Au Please enter us	uthentication er credentials		
	unit0123@OX.AC.UK		
		OK Can	cel