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Connect to eduroam Wi-Fi on Windows 10

You can setup up your eduroam Wi-Fi connection in the Network and Sharing Center. This guide shows you how to do this.

Note: the simplest way to connect to eduroam Wi-Fi is to use the eduroam CAT (Configuration Access Tool).

1. Right click on the **Network** icon on the System Tray, as highlighted in the screen below, and select **Open Network and Sharing Center** and select



- 2. Click on Network and Sharing Center
- 3. Choose Set up a new connection or network

View your basic network information and set up connections

View vou	ractive networks
view you	You are currently not connected to any networks.
Change y	our networking settings
\$	Set up a new connection or network Set up a broadband, dial-up, or VPN connection; or set up a router or access point.
	Troubleshoot problems Diagnose and repair network problems, or get troubleshooting information.

- 4. Click on Manually connect to a wireless network and click Next
 - Set Up a Connection or Network
 Choose a connection option
 Connect to the Internet
 Set up a broadband or dial-up connection to the Internet.
 Set up a new network
 Set up a new router or access point.
 Manually connect to a wireless network
 Connect to a hidden network or create a new wireless profile.
 Connect to a workplace
 Set up a dial-up or VPN connection to your workplace.



- 5. Enter the following information:
 - 1. eduroam in the Network name field
 - 2. Select WPA2-Enterprise in the Security type field
 - 3. Ensure the Start this connection automatically check box is ticked
 - 4. Click Next

← .	Yuanually connect to a v	vireless network			
	Enter information for	the wireless network th	nat you wa	nt to add	
	Network name:	eduroam	1		
	Security type:	WPA2-Enterprise ~	2		
	Encryption type:	AES \vee			
	Security Key:		Hide cha	iracters	
3	✓ Start this connection Connect even if the r Warning: If you select	automatically network is not broadcasting t this option, your computer's p	rivacy might l	be at risk.	
				Next	Cancel
6. Click or	Change connecti	on settings		- 5	×
	🗧 🐓 Manually connect to a	a wireless network			
	Successfully added	eduroam			
	→ Change conn	nection settings tion properties so that I can change	the settings.		

- 7. In the Wireless Network Properties screen:
 - 1. Select the **Security** tab
 - 2. Click the **Settings** button



eduroam Wireless Netw	work Properties		\times
Connection Security	1		
Security type:	WPA2-Enterprise	~	
Encryption type:	AES	~	
Choose a network auth	nentication method:		
Microsoft: Protected E	EAP (PEAP) ~	Settings	2
Remember my creating time I'm logged on	dentials for this connecti I	on each	
Advanced settings			
		OK (Cancel

- 8. In the Protected EAP Properties screen:
 - 1. Select the Verify the server's identity by validating the certificate check box.
 - Select the Connect to these servers (examples:srv1;srv2;.*\.srv3\.com): check box and enter CPPM-Pub.nrc.ac.uk;CPPM-Sub.nrc.ac.uk in the field below.
 - 3. In the **Trusted Root Certificate Authorities** list select the **QuoVadis Root CA 2 G3** checkbox. If the certificate isn't available download it from the eduroam setup web page on the Northern Regional College website.
 - 4. From the Notifications before connecting drop down list select Don't ask users to authorize new servers or trusted Cas
 - 5. From the Secure Authentication Method drop down list ensure that Secure password (EAP-MSCHAP v2) is selected
 - 6. Select the **Enable Fast Reconnect** checkbox
 - 7. Click Configure



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Protected	EAP	Properties
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W	'hen connecting:	
1	☑ Verify the server's identity by validating the certificate	
	└ Connect to these servers (examples:srv1;srv2;.*\.srv3\.com):	
2	CPPM-Pub.nrc.ac.uk;CPPM-Sub.nrc.ac.uk	
-	Trusted Root Certification Authorities:	
3	 NISYSAGR QuoVadis Root CA 2 ✓ QuoVadis Root CA 2 G3 QuoVadis Root CA 2 G3 QuoVadis Root CA 2 G3 QuoVadis Root Certification Authority 	^
	SecureTrust CA Starfield Class 2 Certification Authority Starfield Boot Cartificate Authority = G2 <	~
	Notifications before connecting:	
4	Don't ask user to authorise new servers or trusted CAs	~
5 Se	elect Authentication Method:	
s	Secured password (EAP-MSCHAP v2) V Configu	re 7
6	Enable Fast Reconnect Disconnect if server does not present cryptobinding TLV Enable Identity Privacy	
	OK Cano	cel

9. Make sure that the **Automatically use my Windows logon name and password** checkbox isn't checked and click **OK**. Clicking OK will take you to the previous screen. Click OK on this screen to exit.

EAP MSCHA	Pv2 Properties		×
When conne	ecting:		
Automa passwo	atically use my V ord (and domain	Vindows log-on nan if any).	ne and
[ОК	Cancel	

10. Click Advanced settings



eduroam Wireless Netw	work Properties		\times
Connection Security			
Security type:	WPA2-Enterprise		~
Encryption type:	AES		~
Choose a network aut	nentication method:		
Microsoft: Protected E	AP (PEAP) ~	Setting	js
Remember my creative time I'm logged on	dentials for this connect	ion each	
Advanced settings			
Advanced settings			
Advanced settings		•	
Advanced settings		•	

- 11. From the Advanced Settings window:
 - 1. Select the 802.1X Settings tab
 - Check the Specify authentication mode: checkbox
 Select User authentication from the drop-down list

 - 4. Click the **OK** button to take you back to the previous screen. Click **OK** and then **Close** on the next screen.



802.1X settings Specify authentication mode: User authentication	 ✓ 3 /e creder 	ntials		
Delete credentials for all user	"S			
Enable single sign on for this net	work			
Perform immediately before	user log-on			
Arright Maximum delay (seconds):	er log-on			
Allow additional dialogues to sign on	be displayed during sir	ngle		
This network uses separate v and user authentication	This network uses separate virtual LANs for machine and user authentication			

- 12. Connect to eduroam:
 - 1. Select eduroam
 - 2. Tick the Connect automatically check box
 - 3. Click **Connect**



The first time you log on you will be asked to enter your username and network password. Enter your username as follows;

For Staff: Your Network Username followed by @nrc.ac.uk e.g. John.Smith@nrc.ac.uk

For Students: Your Student ID followed by @nrc.ac.uk e.g. JOH12345678@nrc.ac.uk



Acceptable use Policy

All users should read and must abide by both the <u>eduroam UK Policy</u> and the College Acceptable Use Policy.