

MANUAL For ACCESSING Wi-Fi



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Summary

The Wi-Fi system supports both College's network called **UOWCHK_SS** and UGC-funded network, **eduroam**. This manual covers four methods to access the Wi-Fi in Kowloon City campus, namely, from your PC operating at Windows 10 and mobile device.

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Connecting your PC operating Windows 10 to "UOWCHK_SS"

a) Click the bottom left hand corner below



b) Type "Control Panel"

All Apps Documents Web	More 🔻	<i>ه</i>
Best match		~
Control Panel		
Apps		Control Panel
🔅 Settings	>	Арр
Settings		
🗾 System	>	다 Open
Taskbar notification area	>	~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~
(i) See if you have a 32-bit or 64-bit	>	Recent
version of Windows	-	Network and Sharing Center
Search work and web		☑ System
	sults >	Programs and Features
$\mathcal P$ control panel open	>	Devices and Printers
\mathcal{P} control panel windows 10	>	Security and Maintenance
	>	📓 Java
♀ control panel settings	>	Mail (Microsoft Outlook 2016)
		Power Options
ho control panel		

c) Choose "Network and Sharing Center". Note that if you could not find it, you may have to change the view to "Small icons".

📰 Control Panel\All Control Panel Items					
$\leftarrow \hspace{0.1 cm} ightarrow \hspace{0.1 cm} \uparrow \hspace{0.1 cm} \blacksquare \hspace{0.1 cm} ightarrow \hspace{0.1 cm} Control \hspace{0.1 cm} Par$	nel > All Control Panel Items >				
Adjust your computer's set	tings				
🛱 Administrative Tools	AutoPlay	🐌 Backup and Restore (Windows 7)	Note: Prive Encryption	💶 Color Management	
Credential Manager	💾 Date and Time	🐻 Default Programs	😂 Dell Audio	📇 Device Manager	
🕫 Devices and Printers	Ease of Access Center	File Explorer Options	le History	Fonts	
🔒 Indexing Options	🐑 Internet Options	لا الله Java	Eyboard Keyboard	Mail (Microsoft Outlook 2016)	
Mouse	Network and Sharing Center	🛄 Phone and Modem	Power Options	Programs and Features	
Recovery	🔗 Region	🐻 RemoteApp and Desktop Connections	陀 Security and Maintenance	🖷 Sound	
Speech Recognition	Storage Spaces	🔇 Sync Center	🔛 System	🖳 Taskbar and Navigation	
Troubleshooting	🎎 User Accounts	🔗 Windows Defender Firewall	🙀 Work Folders		

d) Click "Set up a new connection or network"

💺 Control Panel\All Control Panel Items\Network and Sharing Center

· 🔿 · 🛧 🔽 > Control	Panel > All Control Panel Items > Network	and Sharing Center
Control Panel Home	View your basic network infor	mation and set up connections
Change adapter settings	view your active networks	
Change advanced sharing settings	Public network	Access type: Internet Connections:
Media streaming options		
	Public network	Access type: No Internet access Connections:
	Change your networking settings	
	Set up a new connection or n Set up a broadband, dial-up,	etwork or VPN connection; or set up a router or access point.
	Troubleshoot problems Diagnose and repair network	problems, or get troubleshooting information.

e) Choose "Manually connect to a wireless network"

🗧 🚽 Set Up a Connection or Network

Choose a connection option

	Connect to Set up a bi	o the Internet roadband or dial-up connection to the Internet.
	Set up a no	ew network ew router or access point.
	Manually Connect to	connect to a wireless network o a hidden network or create a new wireless profile.
	Set up a di	a workplace al-up or VPN connection to your workplace.
		<u>N</u> ext Cancel
Type c • Nei • Sec • Cho • And ← ♀	or choose the twork name: I curity Type: V eck "Start Thi d then click "N Manually connect to a v	following JOWCHK_SS VPA-Enterprise s connection automatically" Next" button – – ×
Ent	er information for	the wireless network you want to add
Ngtv	work name:	UOWCHK_SS
Secu	urity type:	WPA2-Enterprise \checkmark
Encr	tyption type:	AES 🗸
Segu	urity Key:	Hide characters
Į	Start this connection	automatically
[Connect even if the Warning: If you selec	network is not broadcasting ct this option, your computer's privacy might be at risk.
		<u>N</u> ext Cancel

f)

g) Choose "Change connection settings"

👰 Mar	ually connect to a wireless network	-	>
Succe	ssfully added UOWCHK_SS		
	Change connection settings		
Ľ	Open the connection properties so that I can change the settings.		

Close
61036

h) Select "Security"



i) Click "Settings"

UOWCHK_SS Wireless	Network Properties	×
Connection Security		
Security type:	WPA2-Enterprise ~	
Encryption type:	AES V	
Choose a network aut	hentication method:	- 11
Microsoft: Protected	EAP (PEAP) V Settings	
Remember my creating find the second	Sentials for this connection each	
Advanced settings		
	OK Cancel	

j) Uncheck "Verify the server's identity by validating the certificate"

Protected EAP Properties	×
When connecting:	
Verify the server's identity by validating the certificate	
Connect to these servers (examples:srv1;srv2;.*\.srv3\.com):	
Trusted <u>R</u> oot Certification Authorities:	
AAA Certificate Services	
Actalis Authentication Root CA	
AffirmTrust Commercial	
Baltimore CyberTrust Root	
Certum CA	
Certum Trusted Network CA	
Class 3 Public Primary Certification Authority	
< >>	
Notifications before connecting:	
Tell user if the server's identity can't be verified	
· · · · · · · · · ·	
Select Authentication Method:	
Secured password (EAP-MSCHAP v2) \checkmark Configure	
Enable East Reconnect	
Disconnect if server does not present cryptobinding TLV	
OK Cancel	

k) Click "OK" twice for all the windows and then click "Close" button for "Manually connect to a wireless network"

÷	2 Manually connect to a wireless network	-	×
	Successfully added UOWCHK_ss		
	→ Change connection settings Open the connection properties so that I can change the settings.		

Close

I) Click Wi-Fi Icon



m) Choose "UOWCHK_SS" and click "Connect"

₽ <i>(</i> 7,	eduroam Connected
°//.	UOWCHK_ss Secured
	Connect automatically
	Connect
°//.	UOWCHK_KLNC_SS

 n) Enter your user name, note that the user name is the first part of your email address. For example, if your email address is <u>abc@uow.edu.au</u>, you should type in "ADUOW\abc" there.

Windows Security Sign in	×
User name Password	
ОК	Cancel

o) You may now enjoy Internet access upon successful logon.

Disconnect

Setup Guide for Android 2.x to "UOWCHK_SS"

a) On the home screen, press "Applications".



b) Find the "Settings" icon and tap on it.



c) Press "Wireless and network" inside "Settings".



d) Press "Wi-Fi settings".



e) Turn on the "Wi-Fi" feature if it is not net enabled.



f) After Wi-Fi is turned on, the available networks around will be shown. Select "UOWCHK_SS" Wi-Fi network.

	Se atte	11:49
Wi-Fi settings		
Wi-Fi		\checkmark
Network notificati Notify me when an open net available	ON work is	>
WPS button connection Configure new wireless network automatically	ection orks	
Wi-Fi networks	Scar	nning 😤
Wi-Fi networks alumni	Scar	nning 🔆
Wi-Fi networks alumni	Scar	nning ** (((• (((•
Wi-Fi networks alumni UOWCHK_SS Secured with 802.1x EAP	Scar	

- g) Type in the following network's information:
 - Select "PEAP" in the "EAP method" option;
 - Select "MSCHAPV2" in the "Phase 2 authentication" option;
 - Leave the "CA certificate" option as "(unspecified)"; and
 - Leave the "User certificate" option as "(unspecified)"

? 5	11:50
WI-EI settings	
1 UOWCHK	_SS
Security 802.1x EAP Signal strength Excellent	
EAP method	
PEAP	
Phase 2 authentication	
W MSCHAPV2	
CA certificate	
(unspecified)	
User certificates	
(unspecified)	

- Enter your "ADUOW\" and UOWCHK EID to the "Identity" field
- Enter your network connection password to the "Password" field

Some mobile phones are required to choose "First time to trust" under CA certificate dropdown and then choose connect when the confirmation dialog popped up.

UOWCHK_SS	
EAP 方法	
PEAP	•
第二階段驗證	
MSCHAPV2	•
CA 憑證	
請選取	•
請選取	
使用系統憑證	
首次使用時信任	
安裝憑證	F

這是可信任的網絡嗎?	
必須確保以下資料正確,方可允許 此網絡連線。	
伺服器名稱: DigiCert TLS RSA SHA256 2020 CA1	
發卡機構名稱: DigiCert Global Root CA	
機構: DigiCert Inc	
簽名: 8032ce5e0bdd6e5a	
否,不要連線 是,請連線	

Some newly Android version must:

- 1) For "CA certificate" please select "Use system certificates"
- 2) For "Domain", please fill-in "uow.edu.au"
- 3) For "Online certificate status", choose "Require status for all certificates"
- 4) For "Anonymous Identity", please make sure it is empty

Tab the "Connect" button to establish Wi-Fi connection.

Anonymous identity Password Show password.	Identity ADUO	V∖ EID]	
Password Show password.	Anonymou	identity		
Show password.	Password			
Show password.				
	Show	password	l.	
Connect Cancel	Conn	ect	Cancel	

h) When authentication is done, you will be notified that the connection is successful. Accessing Internet services via UOWCHK_SS is now ready.



Prioritize Wireless Network Connections – Android devices

- By default, if 3G network connection is enabled, it will be the primary network connection once the device is turned on.
- 3G data connection can be turned off explicitly, or by using "Flight mode".
- When Wi-Fi is turned on, your device will try to connect to the most recently used Wi-Fi network ("remembered" network). If the most recently used network is not available (turn off or out of range), it will try to look for the second last one, so and so forth.
- When Wi-Fi is successfully connected, the data transfer will be done by Wi-Fi instead of 3G.
- Wi-Fi connection is still available even the device is in "Flight mode" which you may wish to turn off when Wi-Fi connect is not desired, e.g. in aircraft, save cost, save battery life.

Connecting your PC operating at Windows 10 to "eduroam"

a) Click the "Network" icon to list the available Wi-Fi networks in range.



b) Select the "eduroam" network and then click the "Connect" button.



c) When prompt, enter your **EID** plus the "**@uow.edu.au**" suffix as the login name, **network connection password** and then press the "OK" button to login.

← Settings	:
NETWORK & INTERNET	Find a setting
Wi-Fi	Wi-Fi
Airplane mode	On
Data usage	aturam
VPN	Enter your user name and password
Dial-up	EID@uow.edu.au
Ethernet	••••••
Praxy	

d) Click the "**Connect**" button to continue.

6	eduroam	
	Continue connecting?	
	If you expect to find eduroam in this location, go ahead and connect. Otherwise, it may be a different network with the same name.	
	Show certificate details	
	Connect Cancel	

e) You may enjoy the free Internet access upon successful logon.

Setup Guide for Android device connecting to "eduroam"

1. On the home screen, press "Apps".



2. Find the "Settings" icon and tap on it.



3. Turn on "Wi-Fi" function inside "Settings" and tag on it to list all the available Wi-Fi networks.



4. Find and select "eduroam".

Vi-Fi Wi-Fi networks O Scanning
Wi-Fi networks O Scanning
a
Saved, Secured
Saved 🛜
Saved, Secured
eduroam Saved, Secured
Saved
Scan Wi-Fi Direct

- 5. Select or enter the following network information:
 - Select "PEAP" in the "EAP method" option
 - Select "MSCHAPV2" in the "Phase 2 authentication" option
 - Leave the "CA certificate" option as "(unspecified)"
 - Leave the "User certificate" option as "(unspecified)"



Some mobile phones are required to choose "First time to trust" under CA certificate dropdown and then choose connect when the confirmation dialog popped up.

EAP 方法	
PEAP	•
第二階段驗證	
MSCHAPV2	•
CA 憑證	
請選取	•
請選取	
使用系統憑證	-
首次使用時信任	
安裝憑證	

ŗ	
	這是可信任的網絡嗎?
	必須確保以下資料正確,方可允許 此網絡連線。
	伺服器名稱: DigiCert TLS RSA SHA256 2020 CA1
	發卡機構名稱: DigiCert Global Root CA
	機構: DigiCert Inc
	簽名: 8032ce5e0bdd6e5a
	否,不要連線 是,請連線

- Scroll down to enter your UOW EID plus "@uow.edu.au" (i.e. <u>EID@uow.edu.au</u>") in the "Identity" field
- Enter your network connection password to the "Password" field Tab

the "Connect" button to establish Wi-Fi connection.



When authentication is done, you will be notified that the connection was successful. Internet access via "eduroam" is now ready.



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