HKMU7 WiFi Configuration Guide For Windows 11

HKMU7 WiFi service is available at the HKMU Stanley Ho Library and Ho Sik Yee Library. This configuration guide provides basic configuration information and steps for you to connect to the WiFi service. Please note that slight variations on the steps may occur with devices from different manufacturers, you are advised to study this guide and refer to the user manual of your device whenever necessary.

Before the configuration, please ensure

- You are an active student (currently taking HKMU course(s)), staff employee, and tutors;
- ☆ You have activated your HKMU Single Password; and
- ☆ Your device must be compatible with HKMU7 wireless networks (802.11g/n/ac/ax/be).

Information to note about HKMU WiFi connection settings

HKMU WiFi SSID (Service Set Identifier):

SSID	User types
On-campus:	
• HKMU7	For active students, staff, and tutors.

User name:

SSI	User
■ HKMU7	Your HKMU username (e.g. s7654321, t123456).

\triangleright	Password	:	HKMU single password
\triangleright	Security Type	:	WPA3
\triangleright	Encryption Type	:	AES
\triangleright	Authentication Method	:	Protected EAP (PEAP)
\triangleright	Authentication Server	:	wlan.hkmu.edu.hk

Sample setup steps for HKMU7 SSID on Windows 11

The following steps are prepared based on a Laptop running Windows 11 using the built-in wireless networking configuration utility. Please note that the procedure for other Windows OS may be slightly different.

Please note that since slight variations may occur with devices from different manufacturers running various versions of Windows operating systems, you are advised to study this guide and refer to their user manuals whenever necessary.

Before the configuration, please ensure:

- You are an active student (taking course currently), or a staff employee, and;
- > You have activated your single password, and;
- > Your device must have support for HKMU7 wireless networks (Wi-Fi / WLAN).

Part 1: Automatic Setup on Windows 11

Step 1: Bring Up Wireless Network Connection Menu

Click Network [網絡]icon in the system tray a.



When the screen displays a list of available wireless networks, select your desired network SSID. b.



Tap HKMU7 if you are an active students, staff,

c.

C. Click Connect [連線].



If you want to connect SSID automatically when this network is in range, please check

"Connect automatically" [自動連線]

Note: If the option "Connect automatically" is ticked, the computer will save your username and password. Next time the system will connect automatically while you are in the coverage of this wireless network SSID.)

Step 2: Enter User Name[用户名稱] and Password[密碼]



➢ Type user name[用户名稱] and password[密碼].

To access **HKMU7**, enter HKMU username, e.g. "s1234567" (without quotation marks).

Step 3: Verify Server Identity



- > For first time login, you may see message below.
- ▶ Click Connect [連線] to continue.



> Then the status is changed to Connected, secured [已連線,安全], you are now connected successfully.

Part 2: Manual Setup on Windows 11 & other Windows OS

3 \otimes T Q control panel \leftarrow All Apps Documents Web Settings Folders Photos \bigcirc Ģ Best match Control Panel **Control Panel** Settings Device Manager System [7] Open Search the web Q control panel - See m Recent arch results nevice Manager Power Options Uninstall a program Windows Defender Firewall Network and Sharing Center System 🈂 L 🏈 📜 C 🖪 🛯 o 🔮 📹 Q Search

Step 1: Bring Up the Control Panel to Add Wireless network Profile

A. Right click Windows Start button. Then select Control Panel [控制台].

B. Click Network and Internet [網絡和網際網路].



C. Click Network and Sharing Center [網路和期用中心].

Network and Internet				-	×
\leftarrow \rightarrow \checkmark \uparrow 🕍 Control Panel	> Network and Internet	\sim	С	Search Control Panel	Q
Control Panel Home System and Security • Network and Internet Hardware and Sound Programs User Accounts Appearance and Personalization Clock and Region Ease of Access	Network and Sharing Center View network status and tasks Connect to a network View network computers and Internet Options Change your homepage Manage browser add-ons Delete browsing history and co	d devices]		

D. Click Set up a new connection or network [設定一個新連線或網路]

Network and Sharing Ce	nter		-	×
$\leftrightarrow \rightarrow \checkmark \uparrow$	Control Panel Network and Internet Network and Sharing Center	~ C	Search Control Panel	Q
Control Panel Home Change adapter settings Change advanced sharir settings Media streaming option	View your basic network information and set up connections View your active networks HKMU 2 Public network Connections: Internet Connection: Internet <t< th=""><th></th><th></th><th></th></t<>			
See also				
Internet Options Windows Defender Firev	all			

E. Click Manually connect to a wireless network [手動連線到無線網路] and choose Next [下一步]. 💐 Network and Sharing Center \times ← → ✓ ↑ 💐 > Control Panel > Network and Internet > Network and Sharing Center V C Search Control Panel Q X _ Control Panel Home ← 🐓 Set Up a Connection or Network Change adapter settings Choose a connection option Change advanced sharing settings Media streaming options 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. anually connect to a wireless network onnect to a hidden network or create a new wireless profil Connect to a workplace Set up a dial-up or VPN connection to your workplace. Next Cancel See also Internet Options Windows Defender Firewall

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Step 2: Configure the Wireless Network Profile

A. In Manually connect to a wireless network,

- 1. In Network name [網路名稱] field: Enter SSID depends on his / her role;
 - <u>On-campus</u>

> Tap **HKMU7** if you are an active student, staff, and tutors.

- 2. In Security type [安全性類型] field: Select WPA3-Enterprise;
- 3. Check Start this connection automatically [自動啟動這個連線]*;

	4. Click Next [下一步	۶]		
				×
\leftarrow	💐 Manually connect to a	wireless network		
	Enter information fo	or the wireless network you want to add		
	Network name:	HKMU7		
	Security type:	WPA3-Enterprise ~		
	Encryption type:	AES		
	Security Key:	Hide characters		
	Start this connection	n automatically		
	Connect even if the	network is not broadcasting		
	Warning: If you sele	ect this option, your computer's privacy might be at risk.		
		Next	Can	cel

Note: If the option "Start this connection automatically" is ticked, next time the system will connect automatically while you are in the coverage of this wireless network SSID.

B. Click Change connection settings [變更連線設定].

) See Manually connect to a wireless network	
Successfully added HKMU7	
Change connection settings Open the connection properties so that I can change the settings.	
	Close

C. In the Wireless Network properties windows



In the **Connection [連線]** tab, check **Connect automatically when this network is in range** [當這個網路在範圍內時自動連線].

- D. Select Security [安全性] tab.
 - Under Choose a network authentication method [選擇網路驗證方法], select Microsoft: Protected EAP (PEAP).
 - Check Remember my credentials for this connection each time I'm logged on [每次 登入時都記 住我在此連線的認證].
 - 3. Click Advanced Settings [進階設定].

HKMU7 Wireless Netw	ork Properties	×
Connection Security		
Security type:	WPA3-Enterprise	~
Encryption type:	AES	\sim
Choose a network aut	hentication method:	
Microsoft: Protected E	ap (peap) — 🗸	Settings
Remember my cre	dentials for this connect	ion each
une in logged of		
Advanced settings		
		OK Cancel

- E. In Advanced settings [進階設定],
 - 1. Check Specify authentication mode [指定驗證模式]:
 - 2. And select User authentication [使用者身份驗證].
 - 3. Click Save credentials [保存認證]

Advanced settings	×
802.1X settings 802.11 settings	
Specify authentication mode:	
User authentication	
Delete credentials for all users	
Enable single 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 Cance	4

F. In Save credentials [保存認證],

- Type user name[用户名稱] and password[密碼].
 To access HKMU, enter HKMU username, e.g. "s1234567" (without quotation marks).
- 2. Click OK [確定].
- 3. Back to Advanced settings [進階設定].
- 4. Click OK [確定].

• Western Country X	Advanced settings	2
Windows Security	802.1X settings 802.11 settings	
Save credentials	Specify authentication mode:	
Saving your credentials allows your computer to connect to the	User authentication \checkmark Save credenti	als
updates).	Delete credentials for all users	
User name	Enable single sign on for this network	
Password	Perform immediately before user logon	
	O Perform immediately after user logon	
	Maximum delay (seconds): 10	A.
OK Cancel	Allow additional dialogs to be displayed during single sign on	
	This network uses separate virtual LANs for machine and user authentication	

OK

Cancel

G. In Protected EAP Properties [受保護的 EAP 內容] windows,

- 1. Under Select Authentication Method [選擇驗證方法], select Secured password (EAP-MSCHAP v2).
- 2. Click **OK [確定]** until you close all popup windows.

Protected EAP Properties	×
When connecting:	
Verify the server's identity by validating the certificate	
Connect to these servers (examples:srv1;srv2;.*\.srv3\.com):	
Trusted Root Certification Authorities:	
AAA Certificate Services	
Baltimore CyberTrust Root	
Class 3 Public Primary Certification Authority	
COMODO RSA Certification Authority	
DigiCert Assured ID Root CA	
DigiCert CS RSA4096 Root G5	
DigiCert Global Root CA	
Notifications before connecting:	
Tall user if the server's identity can't be verified	
Tell user il ule server's identity can't be verified	
Select Authentication Method:	
Secured password (EAP-MSCHAP v2) Config	ure
Enable Fast Reconnect	
Disconnect if server does not present cryptohinding TIV	
OK Car	ncel

Step 3: Bring Up Wireless Network Connection Menu

d. Click Network [網絡] icon in the system tray



e. When the screen displays a list of available wireless networks, select the configured network SSID.

← Wi-Fi	
🚔 нкми	
eduroam	
🚔 нкми7	
Printer_1	
Printer_3	
More Wi-Fi settings C	

C. Click Connect [連線].



If you want to connect SSID automatically when this network is in range, please check

"Connect automatically" [自動連線]

Note: If the option "Connect automatically" is ticked, the computer will save your username and password. Next time the system will connect automatically while you are in the coverage of this wireless network SSID.)

Step 4: Verify Server Identity



- For first time login, you may see the message below.
- ▶ Click Connect [連線] to continue.

← Wi-Fi			
	HKMU7 Connected, secured	(j)	
		Disconnect	
	НКМU		
	eduroam		
((r,	CSL		
More Wi-Fi settings		С	

➢ Then the status is changed to Connected, secured [已連線,安全], you are now connected successfully.