# SIM Wireless Network Guide

Student/Associate/Alumni

SUSS



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### **Version History**

Version	Date	Changed By	Operation
1.0	13 July 2017	Mark Anthony Rebuldad	Creation
2.0	22 May 2018	Mark Anthony Rebuldad	Revised guide for Windows
2.1	23 January 2019	Giovanni Arensol	Update guide for Android
2.2	18 January 2023	Giovanni Arensol	Remove Windows 7 & XP

Important Note: When password changed, personal wireless devices and non-domain computers password has to be updated manually.

Before changing your passwords, please "forget" SIM\_WiFi on all your wireless network devices first. Connect to SIM\_WiFi again after you have changed your password.

Explanation: Non-domain computers are those computers which do not require your SUSS account to logon (ie, personal laptop, SIM macbook, PCs issued to SIM partner universities).

# Windows 8/10

1) lick on the wireless network icon ₿





2) From the list of Wireless Network Connections, choose SIM\_WiFi and click on Connect.



3) You will be prompted for username and password. Key in the Credentials. Example: username: "johnho": username should be: suss\johnho



# Windows 8/10 – Manual WiFi Connection

1) Right-click the network icon on the bottom right of your screen and select **Open Network and Sharing Center**.



2) Click on "Set up a new connection or network" and choose "Manually connect to a wireless network".



#### 2a) Use the below settings:

			_ 🗆
Manually conne	ct to a wireless network		
	ct to a wireless network		
Enter information	for the wireless networ	k you want to add	
Litter information	for the wheless networ	k you want to add	
Network name:	SIM_WiFi		
Security type:	WPA2-Enterprise	*	
Encryption type:	AES	$\vee$	
Security Key:		Hide characters	
_			
✓ Start this connect	tion automatically		
Connect even if	the network is not broadcastin	g 	
Warning: If you	select this option, your compu	ter's privacy might be at risk.	
		Next	Cancel
		- Next	cancer

#### 2b) Click on "Change Connection Settings"

Successfully added eduroam

Change connection settings
 Open the connection properties so that I can change the settings.

3) Go to the Security tab. Under "Choose a network authentication method", make sure "Microsoft: Protected EAP" is selected and click on "Settings"

SIM_WiFi V	Nireless Network	Properties	×
Connection Security			
Security type:	WPA2-Enterprise	¥	
Encryption type:	AES	~	
Choose a network aut	hentication method:		
Microsoft: Protected	EAP (PEAP) 🗸 🗸	Settings	
✓ Remember my creative I'm logged on	dentials for this connect	ion each	
Advanced settings			
		OK Ca	incel

4) Make sure "Verify the server's identity..." is unchecked and click on the "Configure" button as shown below.

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:
<ul> <li>AddTrust External CA Root</li> <li>AGATE</li> <li>Baltimore CyberTrust Root</li> <li>CA</li> <li>Certum CA</li> <li>Class 3 Public Primary Certification Authority</li> <li>COMODO RSA Certification Authority</li> </ul>
< > > Notifications before connecting;
Tell user if the server name or root certificate isn't specified $\checkmark$
Select Authentication Method:
Secured password (EAP-MSCHAP v2)
<ul> <li>Enable Fast Reconnect</li> <li>Enforce Network Access Protection</li> <li>Disconnect if server does not present cryptobinding TLV</li> <li>Enable Identity Privacy</li> </ul>
OK Cancel

5) Make sure the below option is unchecked:

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

6) Click on OK. (Do NOT close the below window yet). Click on "Advanced Settings"

eduroam '	Wireless Network Properties	×
Connection Security		
Security type:	WPA2-Enterprise 🗸 🗸	
Encryption type:	AES 🗸	
Choose a network au	thentication method:	
Microsoft: Protected	EAP (PEAP) 🗸 Settings	
Remember my cre time I'm logged on	dentials for this connection each	
Advanced settings		
· · · · · · · · · · · · · · · · · · ·		

7) Tick on "Specify authentication mode:" and choose "User authentication"

Advanced setting	js 🛛 🗙
802.1X settings 802.11 settings	
Specify authentication mode:	
User authentication	Save credentials
Delete credentials for all users	
Enable single sign on for this network	
Perform immediately before user log	jon
Perform immediately after user logo	n
Maximum delay (seconds):	10 🜲
Allow additional dialogs to be display sign on	yed during single
This network uses separate virtual I and user authentication	ANs for machine
	OK Cancel
	OK Cancel

 8) Click on "Save credentials:" and key in the username and password.
 Example for username "johnho": username should be: suss\johnho

	Windows Security	×
Save creden Saving your crea when you're not	tials dentials allows your computer to connect to the network t logged on (for example, to download updates).	
Р	suss\johnho	
	OK Cancel	

## Macbook

1) Click on the wireless network icon some on the upper right of your screen. Click SIM\_WiFi to connect.

🔁 🔽	🛜 🔲 Wed 10:13 am Gues	st User	Q
	Wi-ri: Looking for Networks Turn Wi-Fi Off		
			([[: [[: (
- ALLE			(ŀ- ((ŀ-
	SIM_WiFi	-	([[-
- Jan		3	((:-
T	Join Other Network Create Network Open Network Preferences		

2) You will be prompted for username and password. Key in "suss\" followed by your username and password. Click Join. Example for username "johnho": username should be: suss\johnho

<b></b>	The Wi-Fi network "SIM_WiFi" requires WPA2 enterprise credentials.
	Username:
	Password:
	<ul> <li>Show password</li> <li>Remember this network</li> </ul>
?	Cancel Join

3) A certificate warning might pop up after you key in your credentials. Click on "Continue".



4) There will be another prompt to key in your macbook username and password to make changes on your computer. Key in your macbook username and password and click on "Update Settings".

You are r Settings.	naking changes to your Certificate Trus Type your password to allow this.
Usernam	e: <your macbook="" username=""></your>
Decemen	

5) You are now connected to SIM\_WiFi.



# Android

- 1) Got to settings.
- 2) Tap Wi-Fi to see the options available.



3) Look for the network named "SIM\_WiFi" and connect.



Use the below settings to logon to "SIM\_WiFi"; key in "suss\" followed by your username and password. Click OK.
 Example for username "johnho": username should be: suss\johnho

SIM_WiFi	
EAP method	
PEAP	*
Phase 2 authentication	
MSCHAPV2	*
CA certificate	
Do not validate	*
No certificate specified. Your connection will not be private. Identity	
suss\ <username></username>	
Anonymous identity	
Password	
Show password	
CANCEL CO	NNECT

\*\*\*If there is a field for "Anonymous Identity", please leave it blank\*\*\*

5) You should be connected to "SIM\_WiFi" now.

# iPhone

- 1) Got to settings.
- 2) On your Wi-Fi settings page, tap on SIM\_WiFi to connect.



You will be prompted for username and password. Key in "suss\" followed by username and password and tap on "Join".
 Example for username "johnho": username should be: suss\johnho

•••• StarHub	Ŷ	15:38		103	\$ 989	6 💼 +
Ente	r the pas	sword	for "S	SIM_V	/iFi"	
Cancel	Enter	Pass	swor	d		Join
Username	e sus	s\ <u< td=""><td>sern</td><td>ame</td><td>&gt;</td><td></td></u<>	sern	ame	>	
Password	•••	••••	•••	•		
QWE	R	ΤY	'ι	JI	C	) P
AS	DF	G	Η	J	К	L
1 Z	хс	V	в	Ν	М	

4) A certificate warning might pop up after you key in your credentials. Tap on "Accept".



5) You are now connected to "SIM\_WiFi".



### **Windows Phone**

1) On your Wi-Fi settings page, tap on SIM\_WiFi to connect.



2) Use the below settings to logon to "SIM\_WiFi"; key in "suss\" followed by username and password. Tap on "done".

Example for username "johnho": username should be: suss\johnho

SIGN IN
Connecting to the secure WiFi network Unified.
Connect using
username+password
Username
suss\ <username></username>
Password
Show password
Server certificate validation
always ask me
EAP method
PEAP MS-CHAP v2
done cancel

3) In some cases, a certificate warning might pop up after you key in your credentials. Tap on "Accept".



4) You are now connected to SIM\_WiFi.



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