คู่มือการใช้งานเครือข่าย eduroam ภายในมหาวิทยาลัยราชภัฏสกลนคร สำหรับ Window 7

1.กลิก Start Menu เลือก Control Panel กลิก Network and Internet

Control Panel >	✓ 4y Search Control Panel
Adjust your computer's settings	View by: Category 🔻
System and Security Review your computer's status Back up your computer	User Accounts and Family Safety Add or remove user accounts Set up parental controls for any user
Network and Internet View network status and tasks Choose homegroup and sharing options	Appearance and Personalization Change the theme Change desktop background Adjust screen resolution
Hardware and Sound View devices and printers Add a device	Clock, Language, and Region Change keyboards or other input methods Change display language
Programs Uninstall a program	Ease of Access Let Windows suggest settings Optimize visual display

2.กลิก Network and Sharing Center



3. คลิก Set up a new connection or network

🔾 🗢 👯 🕨 Control Panel 🕨	Network and Internet Network and Sharing Center	✓ ⁴ → Search Control Panel	
Control Panel Home	View your basic network information and set	t up connections	
Manage wireless networks	i i i i i i i i i i i i i i i i i i i	See full map	
Change adapter settings	ADMIN-PC Network	Internet	
Change advanced sharing	(This computer)		
settings	View your active networks	Connect or disconnect	
	Network	Access type: Internet	
	Home network	HomeGroup: Available to join	
		Connections: 🖷 Local Area Connection	
	Change your networking settings		
Set us a new connection or network			
	Set up a wireless, broadband, dial-up, ad hoc, or VPN connection; or set up a router or access point.		
	Connect or reconnect to a wireless wired dial-up	in or VPN network connection.	
	Choose homegroup and sharing options		
	Access files and printers located on other networ	rk computers, or change sharing settings.	
	Troubleshoot problems		
	Diagnose and repair network problems, or get tro	oubleshooting information.	
See also			
HomeGroup			

4. กลิก Manully connect to a wireless network และกลิก Next



5.ส่วนที่เป็น Network name ให้พิมพ์คำว่า eduroam Securuty type : WPA2-Enterprise

Encryption types : AES และคลิก Next

@	Manually connect to a with the second sec	reless network	
	Enter information for t	he wireless network you want to add	
	N <u>e</u> twork name:	eduroam	
:	Security type:	WPA2-Enterprise	
1	Enc <u>r</u> yption type:	AES •	
	Se <u>c</u> urity Key:	Hide characters	
	✓ Start this connection automatically		
	Connect even if the ne	twork is not broadcasting	
	Warning: If you select this option, your computer's privacy might be at risk.		
		N	ext Cancel

6.กลิก Change connection settings

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. คลิก Security tab และคลิก Settings

e	eduroam Wireless Network Properties			
	Connection Security			
	Security type:	WPA2-Enterprise		•
	Encryption type:	AES		•
	Choose a network aut	hentication method:	_	
	Microsoft: Protected	EAP (PEAP) 🔻	<u>S</u> ettings	;
		_		
	Advanced settings			
			ок	Cancel

8. คลิกตรง Validate server certificate เอาเครื่องหมายถูกออก จากนั้นคลิกปุ่ม Configure

Protected EAP Properties	x		
When connecting:			
Connect to these servers:			
Trusted <u>R</u> oot Certification Authorities:			
AddTrust External CA Root			
Baltimore CyberTrust Root	=		
Class 3 Public Primary Certification Authority			
DigiCert Assured ID Root CA			
DigiCert High Assurance EV Root CA			
DST Root CA X3	-		
< III			
Do not grompt user to authorize new servers or trusted certification authorities.			
Select Authentication Method:	ure		
Enforce Network Access Protection			
Disconnect if server does not present cryptobinding TLV			
Enable Identity Privacy			
ОК Са			
	ncei		

9. เอาเครื่องหมายถูกออกจาก Automatically use my windows logon name and password (and domain if any) และคลิกปุ่ม OK

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

10. คลิกเลือก Security tab คลิกปุ่ม Advanced settings

eduroam Wireless Network Properties			
Connection Security			
Security type:	WPA2-Enterprise		
Encryption type:	AES 🔻		
Choose a network aut	hentication method:		
Microsoft: Protected	EAP (PEAP)		
Remember my credentials for this connection each time I'm logged on			
Advanced settings			
	_		
	ОКСС	ancel	

11.กลิก 802.1x settings tab ใส่เครื่องหมายถูกตรงหน้า Specify authentication mode จากนั้น เลือก User authentication แล้วกลิกปุ่ม OK

Ad	Advanced settings				
	802.1X settings 802.11 settings				
	Specify authentication mode:				
	User authentication				
	Delete credentials for all users				
	Enable sign on for this network				
	Perform immediately before user logon				
	Perform immediately a <u>f</u> ter 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.คลิกมุมล่างขวา คลิกเลือกสัญญาณ Wireless ที่ชื่อ eduroam และคลิกปุ่ม Connect



ทำการพิสูจน์ตัวตนโดยใช้ Username และ Password ที่ได้รับจากทางมหาวิทยาลัยต้นสังกัด
 เช่น guestuser@snru.ac.th และคลิกปุ่ม OK

Windows Security	- Contraction of the Contraction	x
Network Au Please enter us	uthentication er credentials	
	guestuser@snru.ac.th	
		OK Cancel