้คู่มือการใช้งานเครือข่าย eduroam ภายในมหาวิทยาลัยราชภัฏอุดรธานี สำหรับWindow 7

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

Control Panel +			✓ 47	Search Control Panel	م
Adjust y	our computer's settings		View by:	Category 🔻	
₹	System and Security Review your computer's status Back up your computer Find and fix problems Network and Internet View network status and tasks Choose homegroup and sharing options Hardware and Sound View devices and printers Add a device Programs Uninstall a program	\$ \$ \$ \$	User Accounts and Family Safe Add or remove user accounts Set up parental controls for any user Appearance and Personalization Change desktop background Adjust screen resolution Clock, Language, and Region Change keyboards or other input methor Change keyboards or other input methor Change desplay language Ease of Access Let Windows suggest settings Optimize visual display	ety on ids	

2.กลิก Network and Sharing Center



3. กลิก Set up a new connection or network

Control Panel	 Network and Internet Network and Sharing Cent 	er	▼ ◆ ↑ Search Control Pa.	nel
Control Panel Home	View your basic network information	and set up connections		
Manage wireless networks	🔊 ——— 🐔	(i)	See full map	
Change adapter settings	ADMIN-PC Netv	vork Internet		
Change advanced sharing	(This computer)			
settings	View your active networks	Cor	nnect or disconnect	
	Natwork	Access type: Internet		
	Home network	HomeGroup: Available to jo	pin	
		Connections: 🖞 Local Area Co	nnection	
	Change your networking settings			
	Set up a new connection or network			
	Set up a wireless, broadband, dial-up, a	ad hoc. or VPN connection: or set up a rou	ter or access point.	
		•		
	Connect to a network			
	Connect or reconnect to a wireless, wir	ed, dial-up, or VPN network connection.		
	Choose homegroup and sharing option	ns		
	Access files and printers located on oth	er network computers, or change sharing	settings.	
	Troubleshoot problems			
	Diagnose and repair network problems	, or get troubleshooting information.		
See also				
Line Contraction				
HomeGroup				

4. กลิก Manully connect to a wireless network และกลิก Next



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

Encryption types : AES และคลิก Next

Enter information	for the wireless network you want to add	d
N <u>e</u> twork name:	eduroam	
<u>S</u> ecurity type:	WPA2-Enterprise	
Encryption type:	AES 💌	
Se <u>c</u> urity Key:		naracters
Start this connec	tion automatically	
Connect even if Warning: If you	the network is not broadcasting select this option, your computer's privacy might be a	at risk.
, <u>, , , , , , , , , , , , , , , , , , </u>		

6.กลิก Change connection settings

G 🔮 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

nnection Security	<u> </u>	
S <u>e</u> curity type:	WPA2-Enterprise	•
Encryption type:	AES	•]
Ch <u>o</u> ose a network a Microsoft: Protecte	ed EAP (PEAP)	gs
Ch <u>o</u> ose a network a Microsoft: Protecte <u>R</u> emember my ci time I'm logged o	authentication method: ad EAP (PEAP)	gs
Choose a network a Microsoft: Protecte Remember my o time I'm logged o Advanced setting	authentication method: ed EAP (PEAP)	js

8. คลิกตรง Validate server certificate เอาเครื่องหมายถูกออก จากนั้นคลิกปุ่ม Configure

Validate server certifi	cate	
Connect to these ser	vers:	
Frusted <u>R</u> oot Certification	n Authorities;	
📶 AddTrust External C	A Root	A
Baltimore CyberTrus	it Root	E
Class 3 Public Primar	y Certification Authority	
DigiCert Assured ID	Root CA	
DigiCert Global Root	CA	
DigiCert High Assura	ince EV Root CA	
DST Root CA X3		
· 14		
Do not prompt user t	o authorize new servers or tru	sted
Do not grompt user t certification authoritie ect Authentication Meth cured password (EAP-M Enable East Reconnect Enforce Network Acces Disconnect if server do Enable Identity Privacy	o authorize new servers or tru es. od: ISCHAP v2) s Protection es not present cryptobinding T	<u>C</u> onfigure.

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

Vhen conn	ecting:			
Autom	atically use my	Windows loc	ion name a	nd
passw	ord (and doma	in if any).	jon name a	

10. คลิกเลือก Security tab คลิกปุ่ม Advanced settings

onnection Security	
S <u>e</u> curity type:	WPA2-Enterprise
Encryption type:	AES 🔻
Ch <u>o</u> ose a network a Microsoft: Protecte	uthentication method: d EAP (PEAP)
Ch <u>o</u> ose a network a Microsoft: Protecte Remember my cr time I'm logged c	uthentication method: d EAP (PEAP) dentials for this connection each on
Ch <u>o</u> ose a network a Microsoft: Protecte Remember my cr time I'm logged c	uthentication method: d EAP (PEAP) Gettings redentials for this connection each on
Ch <u>o</u> ose a network a Microsoft: Protecte <u>Remember my cr</u> time I'm logged c	uthentication method: d EAP (PEAP)
Ch <u>o</u> ose a network a Microsoft: Protecte Remember my cr time I'm logged o	uthentication method: d EAP (PEAP) redentials for this connection each on
Ch <u>o</u> ose a network a Microsoft: Protecte Remember my cr time I'm logged o	uthentication method: d EAP (PEAP) redentials for this connection each on

11. คลิก 802.1x settings tab ใส่เครื่องหมายถูกตรงหน้าSpecify authentication mode จากนั้น เลือก User authentication แล้วคลิกปุ่ม OK

User authentication	▼ Save gredentia
Delete credentials for all user	rs
Enable single sign on for this net	work
Perform immediately before u	user logon
Perform immediately after us	er logon
Maximum delay (seconds):	10
Allow additional dialogs to be sign on	displayed during single
This network uses separate y and user authentication	virtual LANs for machine

12.คลิกมุมล่างขวา คลิกเลือกสัญญาณ Wireless ที่ชื่อ eduroam และคลิกปุ่ม Connect



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

Network A	Authentication
Please enter u	iser credentials
	guestuser@udru.ac.th
	•••••