Procedures for Connecting Kyushu University wireless LAN (kitenet)

(temporary use)

For Windows 10

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Introduction

□Kyushu University Information Infrastructure Initiative provides a wireless LAN access service that is available in the university. This service allows the person of non-member of the university to use wireless LAN temporarily for the purpose of education, study, and equivalent activities at Kyushu University.

Please ask sponsor the Username and password when you use wireless LAN temporarily.

The assigned IP address is an address of the outside of a campus.

 \square Requirements for connecting to the wireless network

- (i)A PC running Microsoft Windows 10
- (ii)Wi-Fi capability (PC built-in or external (LAN card, etc) Wi-Fi module)
- * The above wireless LAN device shall support IEEE 802.1X authentication PEAP/MS CHAPv2 security mode.

 $\hfill\square$ Precaution for use:

- (i)Be sure to take the following security measures.
- Windows Updating (Microsoft site)
- · Installation of antivirus software and an updated virus definition file and virus scanning on a regular basis

(ii) Compliance with the copyright law on internet use

In order to ensure the compliance with the copyright law on internet use, Kyushu University prohibits the use of file sharing software (Winny, LimeWire, eDonkey, emule, Xunlei, KuGoo, etc). Illegal downloading/uploading of music and videos from/to the internet is regarded as an act of piracy, which may lead to serious matters.

This procedure describes how to connect the PC with Windows standard functionality to the wireless LAN. If it is necessary to use software or other accessories bundled with a wireless LAN card for the connection setup, see setup manual of your device.

Creating a Network Profile and Setting up the Connection





① Move the mouse cursor to the Earth symbol in the lower right corner of the screen and left click.

② Click [Network and Internet settings].

ŵ ⊦	lome	Status
Find	a setting	Network status
Netwo	ork & Internet	□
∯ s	tatus	
<i>(</i> . V	Vi-Fi	Not connected
토 E	thernet	∆ Troubleshoot
ଳ D	Dial-up	
∞ ∨	/PN	Show available networks View the connection options around you.
ф А	Nirplane mode	
(i) N	Aobile hotspot	Advanced network settings
⊕ Р	roxy	Change adapter options View network adapters and change connection settings.
		Retwork and Sharing Center For the networks you connect to, decide what you want to share.

③ Click [Network and Sharing Center].

→ 🗠 🛧 💐 ~ Network a	nd Internet > Network and Sharing Center v 🖏	
Control Panel Home View your basic network information and set up connections		
Change adapter settings Change advanced sharing settings	View your active networks You are currently not connected to any networks. Change your networking settings	
Media streaming options	Set up a new connection or network Set up a broadband, dial-up, or VPN connection; or set up a router or access point.	
	Troubleshoot problems Diagnose and repair network problems, or get troubleshooting information.	

4	Click [Set up	a net	connection	or	network].

🛫 Set Up a Connection or Network	
Choose a connection option	
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.	
Manually connect to a wireless network Connect to a hidden network or create a new wireless profile.	
Connect to a workplace Set up a dial-up or VPN connection to your workplace.	
Next Cancel	

(5) Click [Manually connect to a wireless network] and Click [Next].

			_		×
÷	🐓 Manually connect to a	wireless network			
	Enter information fo	or the wireless network you want to	add		
	Network name:	kitenet			
	Security type:	WPA2-Enterprise ~			
	Encryption type:	AES			
	Security Key:	Hide char	acters		
	Security κey: ☐ Hide characters ☐ Start this connection automatically ☐ Connect even if the network is not broadcasting Warning: If you select this option, your computer's privacy might be at risk.				
			Next	Can	cel

~	🐓 Manually connect to a wireless network
	Successfully added edunet
	\rightarrow Change connection settings Open the connection properties so that I can change the settings.

Connection Security	
Security type:	WPA2-Enterprise ~
Encryption type:	AES 🗸
Choose a network aut	hentication method:
Microsoft: Protected E	AP (PEAP) V Settings
Remember my cre	dentials for this connection each
time in logged of	
time 111 logged of	
time 1 m logged of	
Advanced settings	

(6) Enter the information for the wireless

- network you want to add as follows:
- Network name : kitenet
- Security type: WPA2-Enterprise
- Encryption type: AES
- Check the following checkbox.
- Start this connection automatically Click [Next].

O Click [Change connection settings].

⑧ Click the [Security] tab.

In the [Choose a network authentication method], select [Microsoft: Protected EAP (PEAP)]. Check [Remember my credentials for this connection each time I'm logged on]. Click [Settings].



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

Protected EAP Properties	×
When connecting:	
Verify the server's identity by validating the certificate	
Connect to these servers (examples:srv1;srv2;.*¥.srv3	8¥.com):
Trusted Root Certification Authorities:	
Baltimore CyberTrust Boot	^
Class 3 Public Primary Certification Authority	
COMODO RSA Certification Authority	
DigiCert Assured ID Root CA	
DigiCert Global Root CA	
DigiCert Global Root G2	
DigiCert High Assurance EV Root CA	~
د	>
Notifications before connecting:	
Tell user if the server's identity can't be verified	~
Select Authentication Method	
Convert Automatication Prediction	
Secured password (EAP-MSCHAP V2)	Configure
C Enable Fast Reconnect	
Disconnect if server does not present cryptobinding TLV	/
Enable Identity Privacy	
ОК	Cancel

 In the [When connecting], uncheck [Validate server certificate].
 In the [Select Authentication Method], select [Secured password (EAP-MSCHAP v2)],and click the [Configure] button.

Uncheck [Automatically use my Windows logon name and password (and domain if any)].
 Click [OK].

① Click [OK].

edunet Wireless Netwo	ork Properties		×
Connection Security			
Security type:	WPA2-Enterprise		\sim
Encryption type:	AES		~
Choose a network auth	nentication method:	_	
Microsoft: Protected E	AP (PEAP) ~	Settin	igs
Remember my creating I'm logged on	dentials for this conne	ction each	
time i miogged on			
	-		
Advanced settings			
		ОК	Cancel

Advanced settings	×			
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 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	el le			

Windows Security	×			
Save credentials				
Saving your credentials allows your computer to connect to the network when you're not logged on (for example, to download updates).				
;xxxxxxxxx	×			
•••••				
ОК	Cancel			

② Click [Advanced settings].

In the [802.1X Settings] tab, check
 [Specify authentication mode] and select
 [User authentication] from the drop-down menu.
 Click [Save credentials].

Inter your user name and password.If you don't know username and password, please ask sponsor about it.

Click [OK] and then click [OK] in the Advanced Settings.



Connection	Security			
Security ty	/pe:	WPA2-Enterprise	~	
		AEC		
Encryption	i type:	AES	~	
Choose a	network auth	entication method:		
Microsoft:	Protected E	AP (PEAP) 🗸 🗸	Settings	
Remer	nber my crea m logged on	dentials for this connecti	on each	
	in logged on			
Advan	ced settings			
Advan	ced settings			
Advan	ced settings			
Advan	ced settings			
Advan	ced settings			
Advan	ced settings		ОК	Cancel

	-		×
 Manually connect to a wireless network 			
Successfully added kitenet			
→ Change connection settings Open the connection properties so that I can change the settings.			
		CI	ose

15 Click [OK].

16 Click [<mark>OK</mark>].

① Click [Close].



Wou will be connected to the network if you are in the kitenet covering area.
If the icon is displayed as shown at left,
[the connection setup is complete].
If it is the first time you are connecting to the network,
the connection may require several tens of seconds.

Wireless LAN (kitenet) connection setup is now complete. If it is properly complete, you are connected to the network.

Connection/Authentication Failure



(i.	kitenet Conne <u>Proper</u>		cured					
						Discon	nect	
(in	activate Secure	e d						
(in	edunet Secure							
(in	little71 Secure	33people d	e					
(k	eduroa Secure	m :d						
(e	SPWN_	N35_660	:6ae					
Netv Chang	vork & I ge setting	Internet s, such as	settin making	i gs g a co				
a.		₽		((j)) Mo	bilo			
Wi-Fi		Airplane	mode	hot	spot			
	/	< D	G.	₫×	ENG	4:54 F	PM 2020	R

① Click [Wireless icon].

Click [kitenet].
 Check [Connect automatically] and Click [Connect].



③ If the message is displayed [Connected], the connection setup is complete .

If it is the first time you are connecting to the network,the connection may require several tens of seconds.

If you still can't connect, try the following.

I want to delete Wifi

₽//.	edunet Connecting	
% .	activate	
₽//.	eduroam	
°//.	kitenet	
Netv	vork & Internet	settings
<i>(</i> .	ipe seconds, such as	(q) Mabile
Wi-Fi	Airplane	mode hotspot
~	. @ . @	Ф)) A ● 4:09 PM 2/19/2021 €



1 Click [Wi-Fi icon] and Click [Network settings].

② Click [Manage Wi-Fi settings].

ல் Wi-Fi
Manage known networks
+ Add a new network
Search this list
Sort by: Preference \checkmark Filter by: All \checkmark
kitenet
Properties Forget

At the bottom of the windows, Click
 [kitenet] and click [Forget].
 The wrong settings has been removed. Please go back to the "Step 1" in this manual.

This will delete the Wifi settings.

Wireless LAN (kitenet) connection setup is now complete. If it is properly completed, you are connected to the network

% We will not inform you of Username and Password that necessary to access to wireless LAN. If you don't know then, please ask sponsor.

OFor inquiries about our wireless LAN access service, please contact: Networking, Information Infrastructure Initiative, Kyushu University

Tel: 092-802-2686/2687/2688 (Ito 90-2686/2687/2688) E-mail: n-room@iii.kyushu-u.ac.jp