eduroam

2015년 8월 17일부터 정보화본부는 글로벌무선로밍서비스(Education Roaming, 이하 ″eduroam″)를 개시합니다. eduroam은 해외 69개국 1,100여개의 교육기관(대학 및 연구소)이 참여하고 있는 서비스로 기관을 방문시 소속기관에서 사용하던 ID로 방문기관의 무선랜 서비스를 이용할 수 있는 서비스입니다.

eduroam서비스 이용시 **본교의 보안정책을 준수**해야 합니다.
 - PC보안정책 : PC통합보안 S/W설치후 PC 취약점 점검
 - 인터넷 관문 정책 : 일과(08시~19시)중 IP별 대역폭 제한(15Mbps) 및
                       일부 포트 사용 제한
※ 자세한 내용은 http://eduroam.snu.ac.kr 참고하시기 바랍니다.

※ 타기관 계정 이용자는 해당기관에서 사용하던 방식대로 이용하시면 됩니다.

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SNU Office of Information Systems and Technology launched eduroam(education roaming) on August 17th, 2015.

Eduroam (Education Roaming) is the secure worldwide federated network access service developed for the international research and education community (69 countries / around 1,100 education institutions). It provides network access without the need to gain guest credentials on arrival to an eduroam location.

○ Method

How SNU member use eduroam

Select "eduroam" from SSID list and enter your credentials in the following format:

Username / Password : SNU_ID@snu.ac.kr / Password

Partly service can be limited according to the wireless management policies of each education institution.

※ Due to the characteristic of SNU authentication security, users need to additionally configure settings. (filling in eduroam profile)

How visitors login to eduroam at SNU

Persons from participating eduroam institutions may establish a wireless connection at SNU using their own university's eduroam credentials after selecting eduroam from SSID list.

○ Security Policies

Users have to observe security policies of SNU during using edurom at SNU.

- PC Securities : Internet connection is only available for users who installed PC Integrated Security S/W after accessing Wireless network. (Users are recommended to inspect PC vulnerability.)

- Internet Policies: Internet bandwidth per IP address is limited (15Mbps) and some of ports are blocked from 8:00 ~ 19:00.

※ http://eduroam.snu.ac.kr

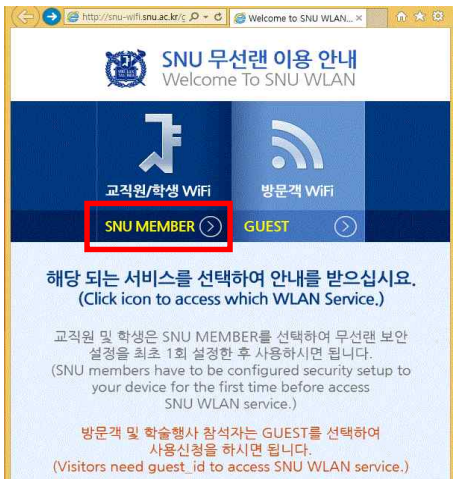※Inquiry : IT Emergency Call 880-8282(Korean), 880-2121(English)

I-1. Auto Setup - Windows 7 or 8

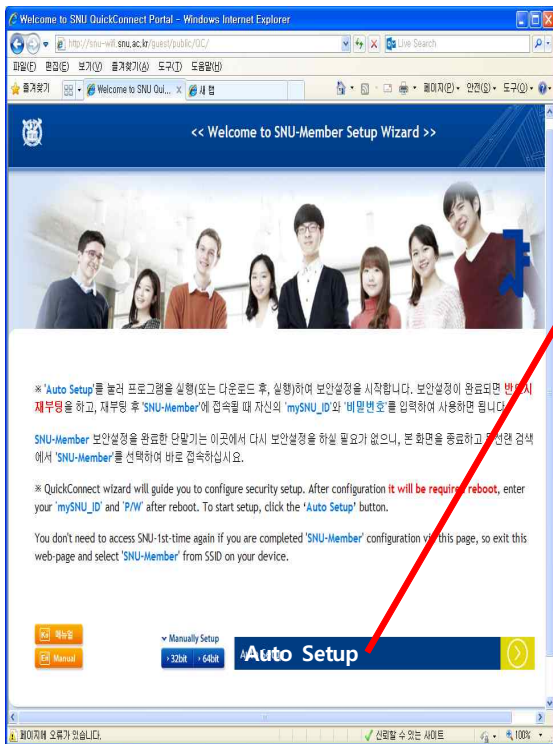1. Click an wireless network icon on the taskbar.

The list is split by the type of available network connections.
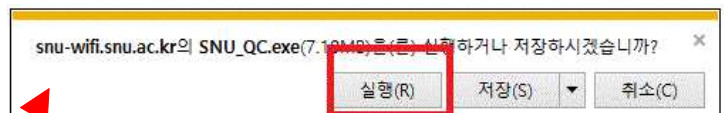Click 'SNU-1st-time'.

2. Open any web browser
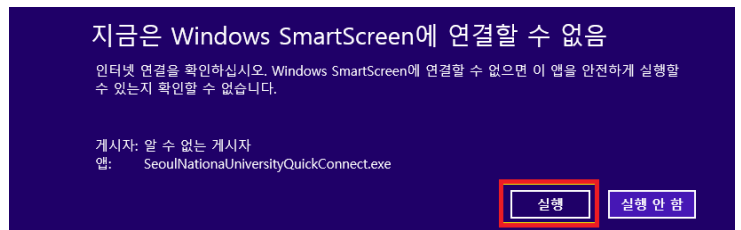   and click 'SNU MEMBER'. (교직원/학생WiFi)

3. Guidance for laptop setting is below. Click "Auto Setup".
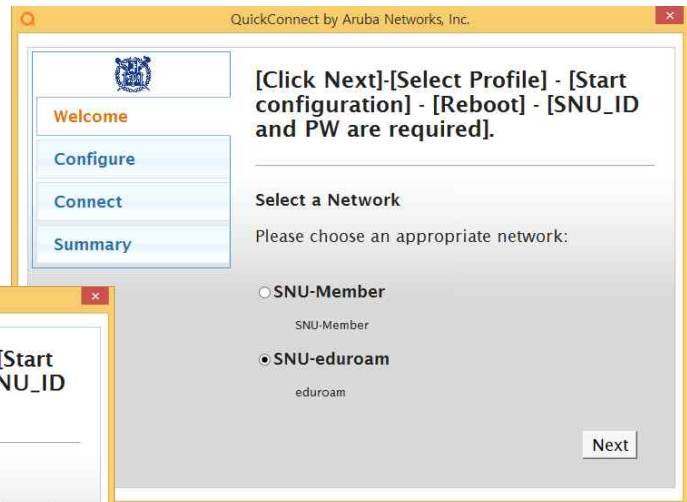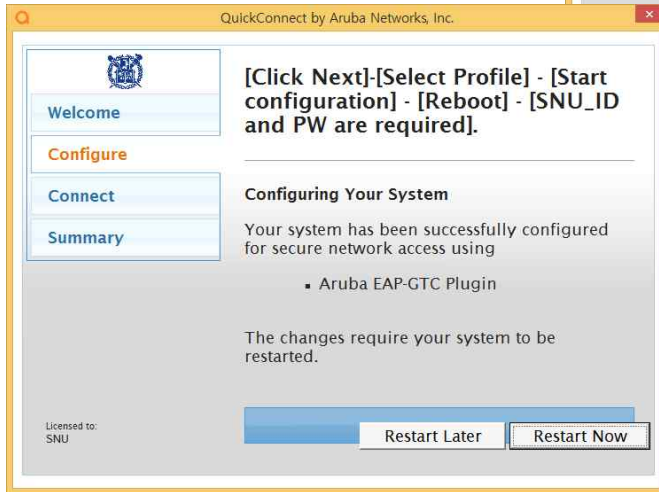

Click "실행(Run or download)".

Click "실행(Run)".

Click "실행(Run)".

4. Click "SNU-eduroam" (⇒)
   → Click Next.

[Click Next]-[Select Profile] - [Start configuration] - [Reboot] - [SNU_ID and PW are required].

Welcome
Configure
Connect
Summary

Select a Network
Please choose an appropriate network:

○ SNU-Member
   SNU-Member

● SNU-eduroam
   eduroam

Next

QuickConnect by Aruba Networks, Inc.

[Click Next]-[Select Profile] - [Start configuration] - [Reboot] - [SNU_ID and PW are required].

Welcome
Configure
Connect
Summary

Configuring Your System

Your system has been successfully configured for secure network access using

■ Aruba EAP-GTC Plugin

The changes require your system to be restarted.

Licensed to: SNU

Restart Later   Restart Now

(⇐) 5. Click "Restart Now".
     Restart Windows.

6. Click 'If additional information is needed to connect 'eduroam'.

eduroam에 연결하려면 추가 정보가 필요합니다.
추가 정보를 제공하려면 클릭하십시오.
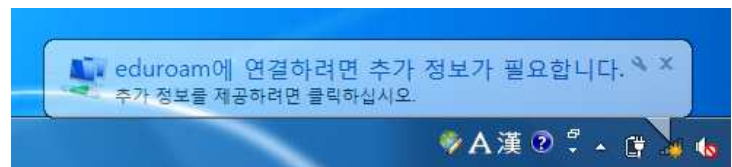
(or Click an wireless network icon on the taskbar.
     Click 'eduroam' .

7. Enter -User name : SNU_ID@snu.ac.kr
         -Password : password
         (Don't enter Logon domain.)
      Click 'OK'.

현재 연결되어 있는 대상:
eduroam
인터넷 액세스

무선 네트워크 연결

eduroam   연결됨
SNU-Member
ollehWiFi
keduroam
T wifi zone_secure
U+zone
ollehWiFi_SNU
ollehWiFi

네트워크 및 공유 센터 열기

Enter Credentials

User name: SNU_ID@snu.ac.kr
Password: ••••••••
Logon domain:

OK   Cancel

8. The configuration is complete.

Ⅱ-1. Windows 7 (Manually Set up)

1-1. Click an wireless network icon on the taskbar.
The list is split by the type of
available network connections.
Click 'SNU-1st-time'.

1-2. Open any web browser
and click 'SNU MEMBER'. (교직원/학생WiFi)

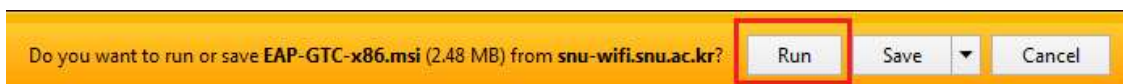1-3. Guidance for laptop setting is below. Click "32bit" or "64bit".
(※ 32bit : EAP-GTC-x86.msi, 64bit : EAP-GTC-x64.msi)

※ QuickConnect wizard will guide you to configure security setup. After configuration **it will be required reboot**, enter your '**mySNU_ID**' and '**P/W**' after reboot. To start setup, click the '**START**' button.

You don't need to access SNU-1st-time again if you are completed '**SNU-Member**' configuration via this page, so exit this web-page and select '**SNU-Member**' from SSID on your device.

Ko 메뉴얼
En Manual

▼ Manually Setup
› 32bit › 64bit

Auto setup

Click "Run".

Do you want to run or save **EAP-GTC-x86.msi** (2.48 MB) from **snu-wifi.snu.ac.kr**?   Run   Save ▼   Cancel

Click "Run".

The publisher of EAP-GTC-x86.msi couldn't be verified. Are you sure you want to run the program?   Run   View downloads
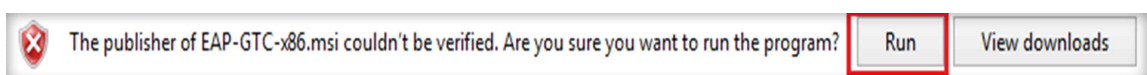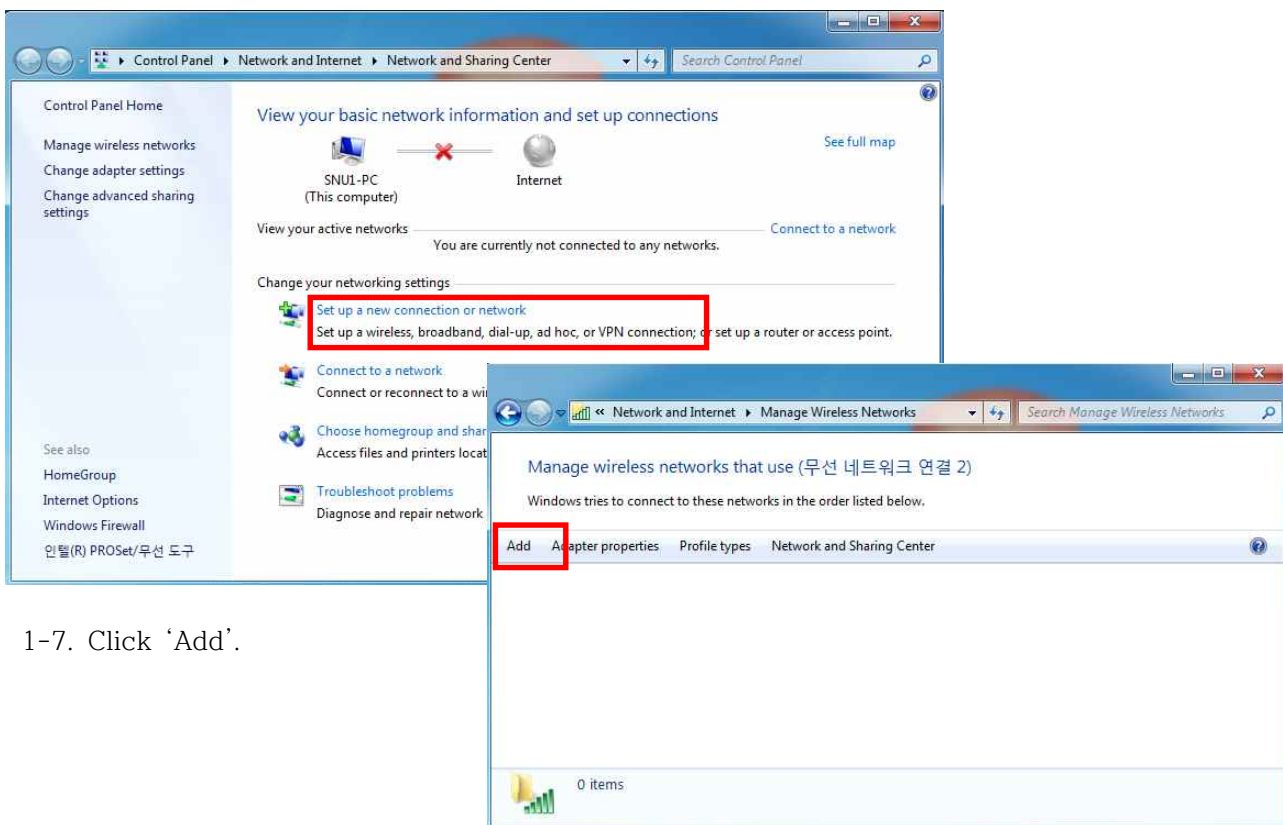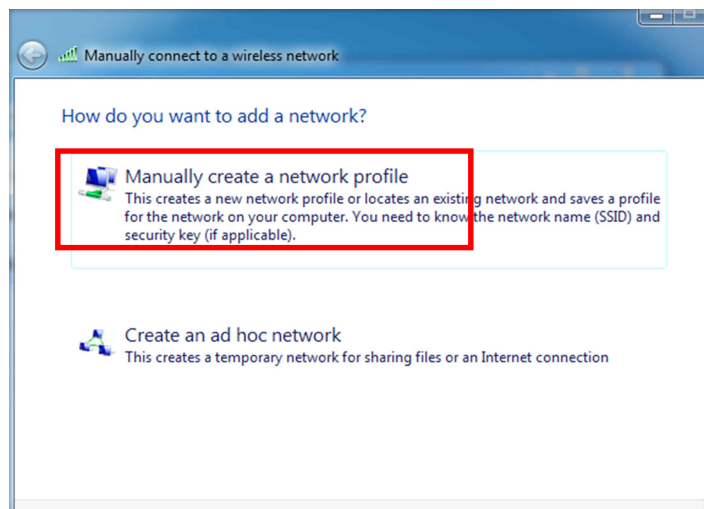
1-4. Click "Next".

1-5. After completion, restart windows.

1-6. Control Panel → Network and sharing center → Set up a new connection or network
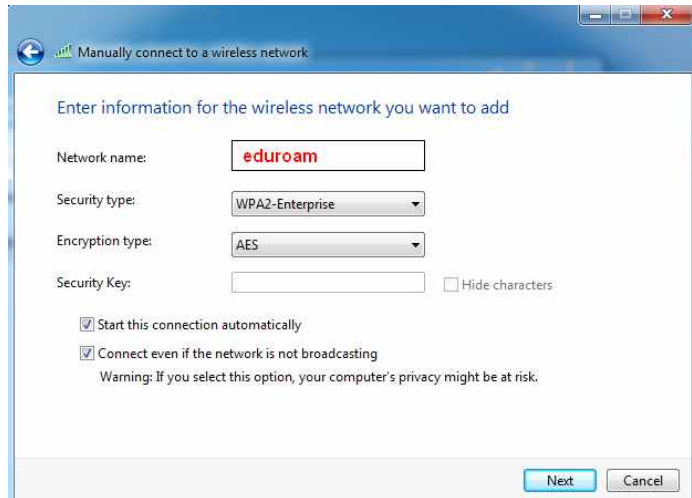
1-7. Click 'Add'.

1-8. Click 'Manually create
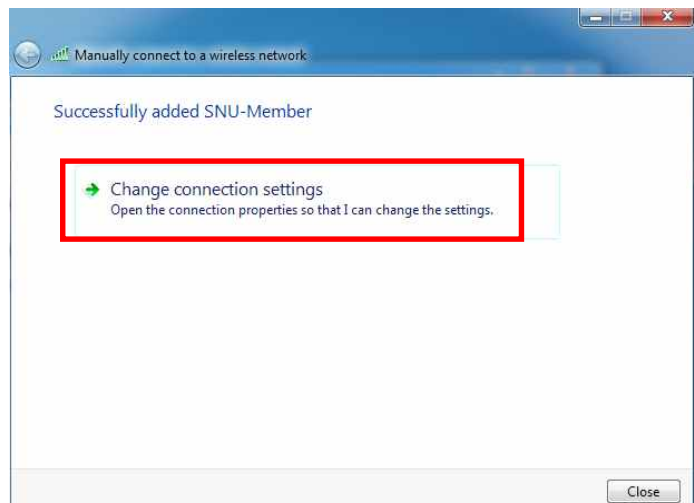   a network profile'.

1-9. Enter
 - Network name : **eduroam**
 - Security type : WPA2-Enterprise
 - Encryption type : AES

   check(√) 'Connect even if the
   network is not broadcasting'
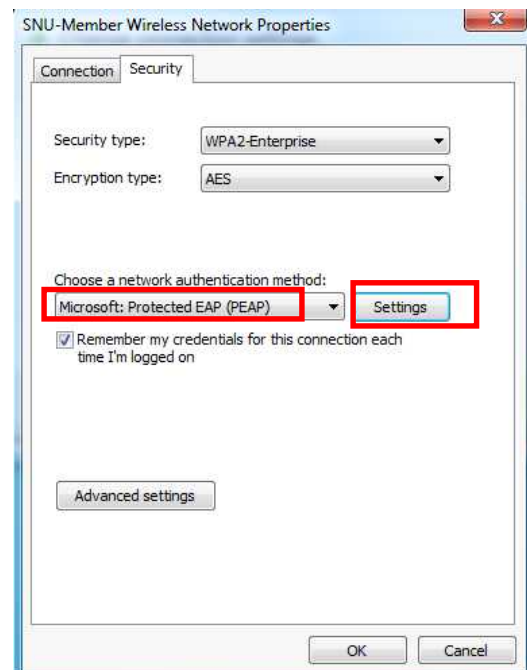
1-10. click
   'Change connection settings'

1-11. Click 'Security'.

   Choose a network authentication method
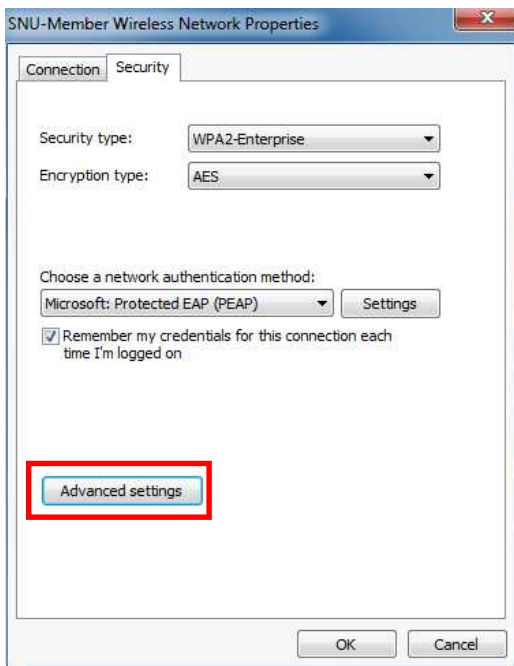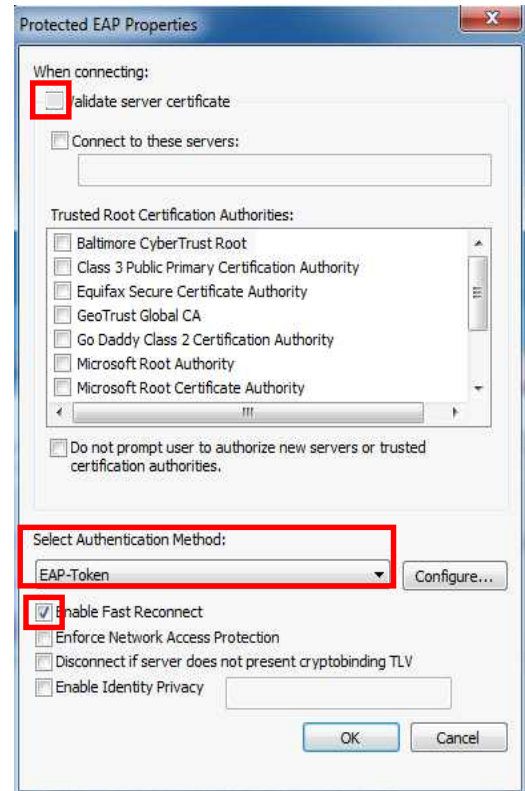   : select 'Microsoft:Protected EAP'

   click 'Settings'
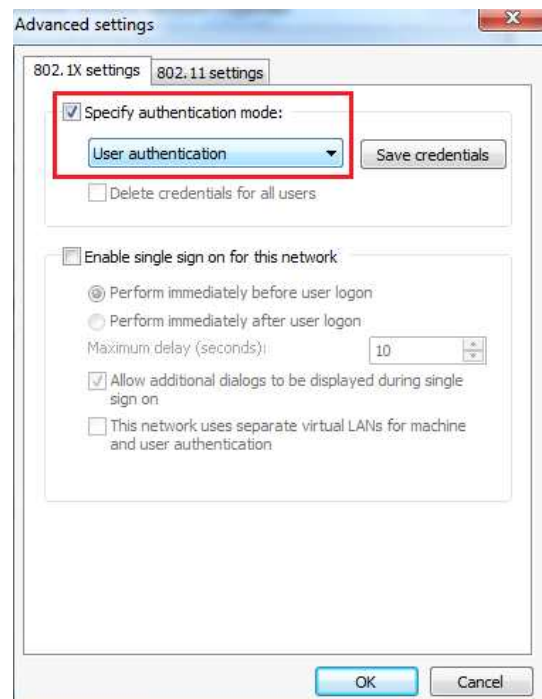
1-12. Don't check 'Validate server certificate'.

Select 'EAP-Token'

Check(√) 'Enable Fast Reconnect'
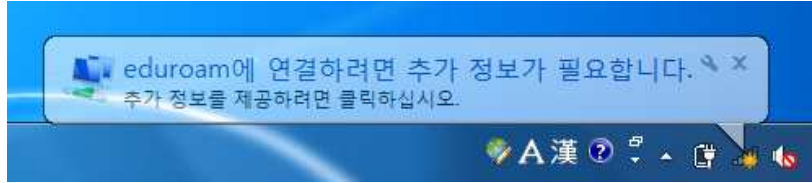
Click OK.

1-13. Click 'Advanced settings'.

1-14. Check(√) 'Specify authentication mode'.
Select 'User authentication'.
Click 'OK'.

1-15. After completion, restart windows.

1-16. Click 'If additional information is needed to connect
      'eduroam'.

(or Click an wireless network icon on the taskbar.
Click 'eduroam' .

1-17. Enter
    -User name : **SNU_ID@snu.ac.kr**
    -Password : password
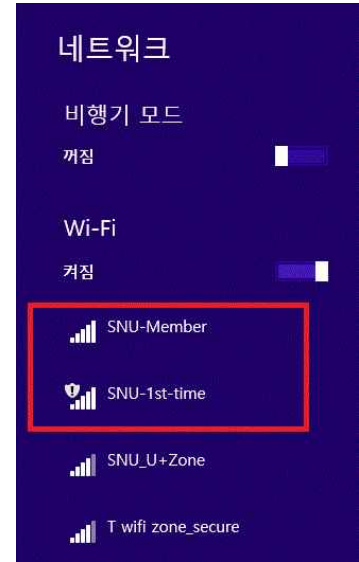
    (Don't enter Logon domain.)
    Click 'OK'.

1-18. The configuration is complete.

II-2. Windows 8 Manually Set up

2-1. The list is split by the type of available network connections.
Click 'SNU-1st-time'.

2-2. Open any web browser
and click 'SNU MEMBER'. (교직원/학생WiFi)

2-3. Guidance for laptop setting is below. Click 32bit or 64bit.
(※ 32bit : EAP-GTC-x86.msi, 64bit : EAP-GTC-x64.msi)
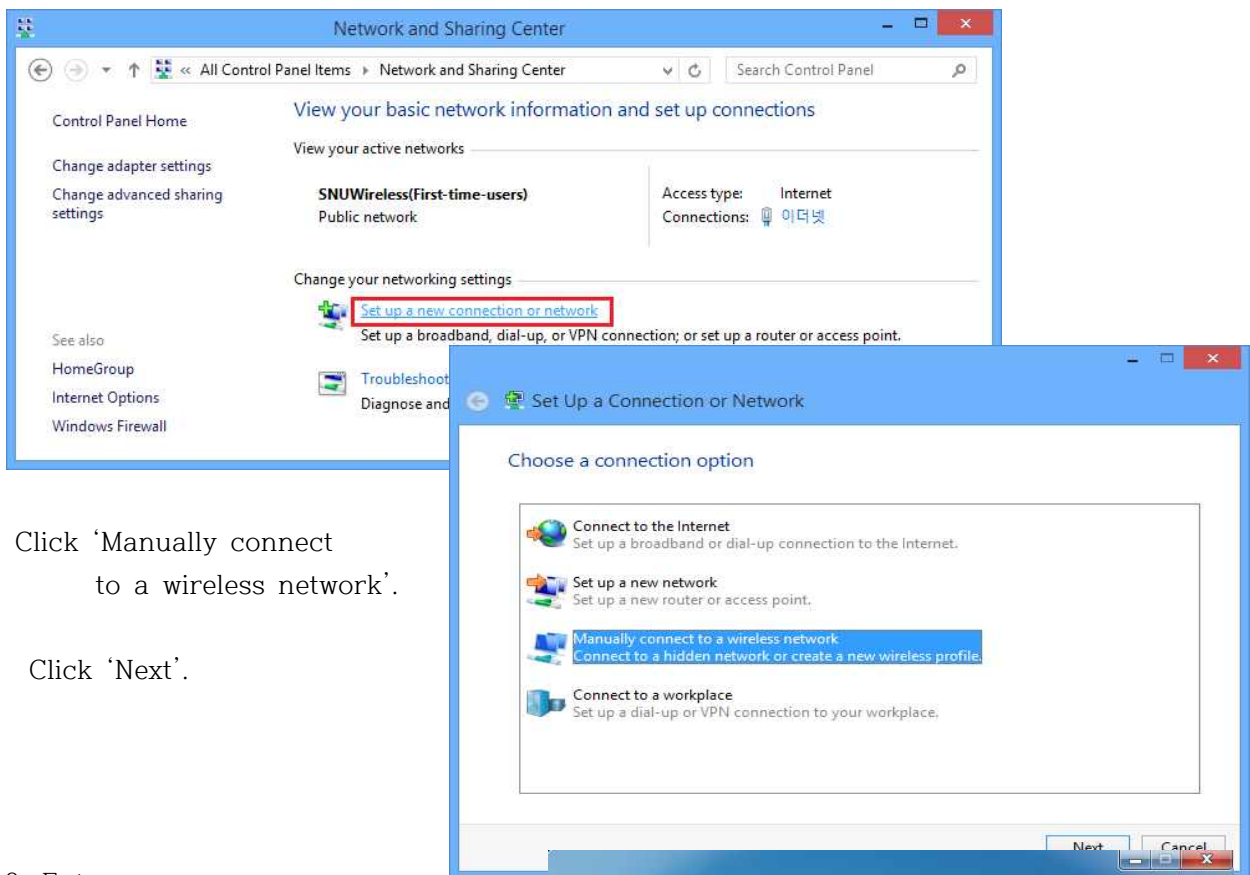

Click "실행(Run)" → "실행(Run)" → "실행(Run)"

2-4. Click "Next".

2-5. After completion, restart windows.

2-6. Control Panel → Network and sharing center → Set up a new connection or network

2-7. Click 'Manually connect
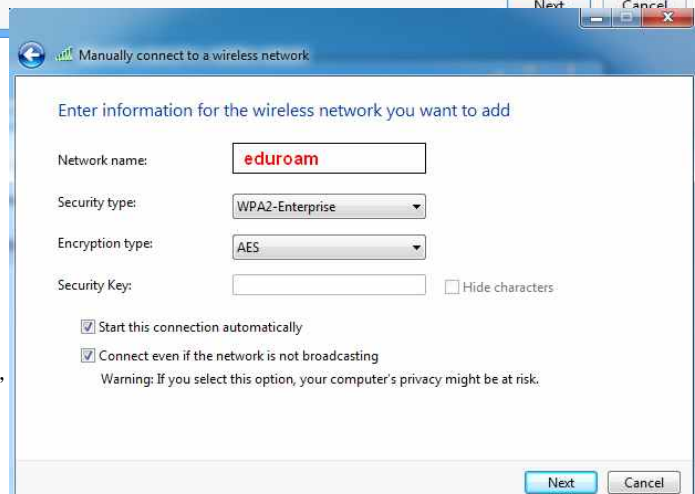　　　 to a wireless network'.
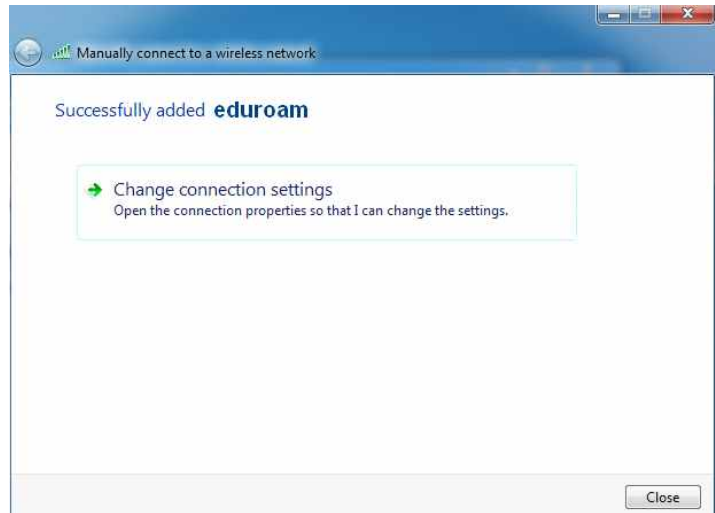
　　Click 'Next'.

　2-8. Enter
　　- **Network name : eduroam**
　　- Security type : WPA2-Enterprise
　　- Encryption type : AES

　check(√) 'Start this connection
　　　　　 automatically'.
　check(√) 'Connect even if the
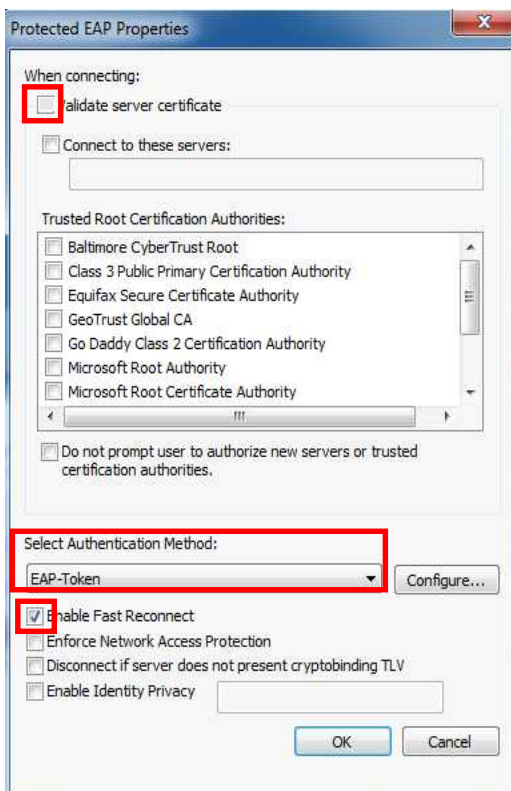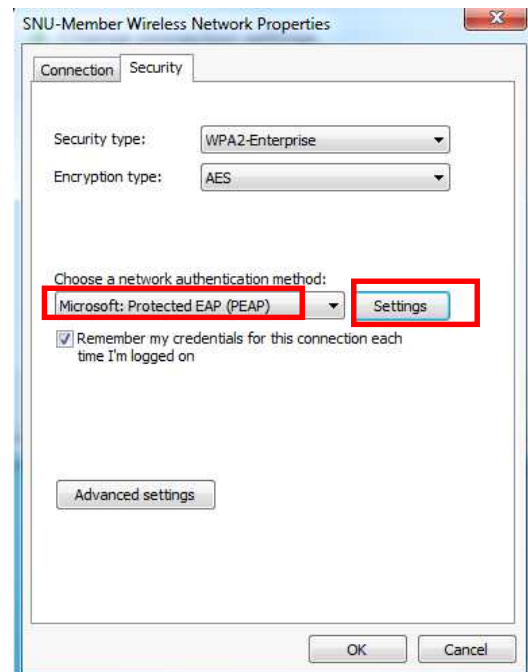　　　　　 network is not broadcasting'

2-9. click
    '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

2-10. Click 'Security'.

Choose a network authentication method
: select 'Microsoft:Protected EAP'

click 'Settings'

SNU-Member Wireless Network Properties

Connection Security

Security type: WPA2-Enterprise

Encryption type: AES

Choose a network authentication method:
Microsoft: Protected EAP (PEAP)   Settings

☑ Remember my credentials for this connection each
   time I'm logged on

Advanced settings

OK   Cancel

Protected EAP Properties

When connecting:
☐ Validate server certificate

☐ Connect to these servers:

Trusted Root Certification Authorities:

☐ Baltimore CyberTrust Root
☐ Class 3 Public Primary Certification Authority
☐ Equifax Secure Certificate Authority
☐ GeoTrust Global CA
☐ Go Daddy Class 2 Certification Authority
☐ Microsoft Root Authority
☐ Microsoft Root Certificate Authority

☐ Do not prompt user to authorize new servers or trusted
   certification authorities.

Select Authentication Method:
EAP-Token   Configure...

☑ Enable Fast Reconnect
☐ Enforce Network Access Protection
☐ Disconnect if server does not present cryptobinding TLV
☐ Enable Identity Privacy

OK   Cancel

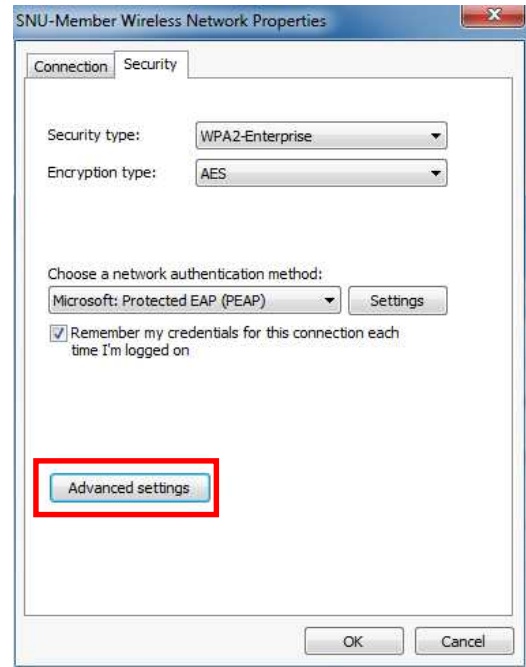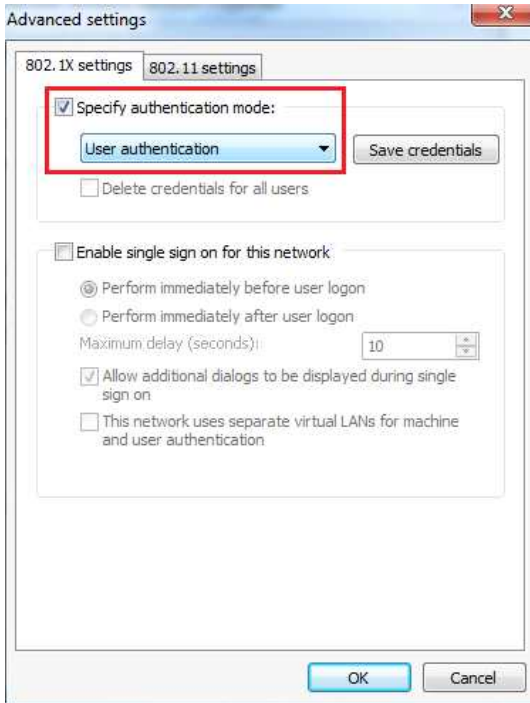2-11. Don't check 'Validate server certificate'.

    Select 'EAP-Token'

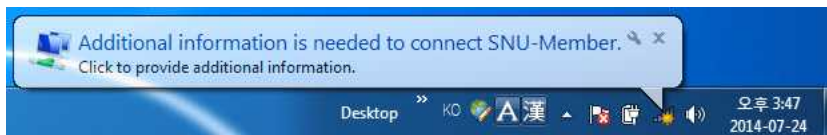   Check(√) 'Enable Fast Reconnect'

    Click OK.

2-12. Click 'Advanced settings'. ⇒

2-13. Check(√) 'Specify authentication mode'.
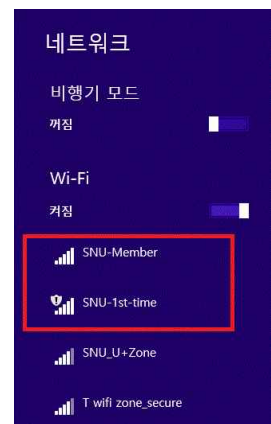(⇓)　Select 'User authentication'.
　　　Click 'OK'.

2-14. **After completion, restart windows.**

2-15. Click 'If additional information is needed to connect 'eduroam'.

　　(or Click an wireless network icon on the taskbar. ⇒
　　　Click 'SNU-Member' .)

2-16. Enter
　　-**User name : SNU_ID@snu.ac.kr**
　　-Password : password

　　(Don't enter Logon domain.)
　　Click 'OK'.

2-17. The configuration is complete.

II-3. Android Device (Android OS)

3-1.Settings → Turn on WiFi
　　　→　Select "eduroam" from SSID.

. Configuration
　- EAP method : PEAP
　- **Phase 2 authentication : GTC**
　- Identity : SNU_ID@snu.ac.kr
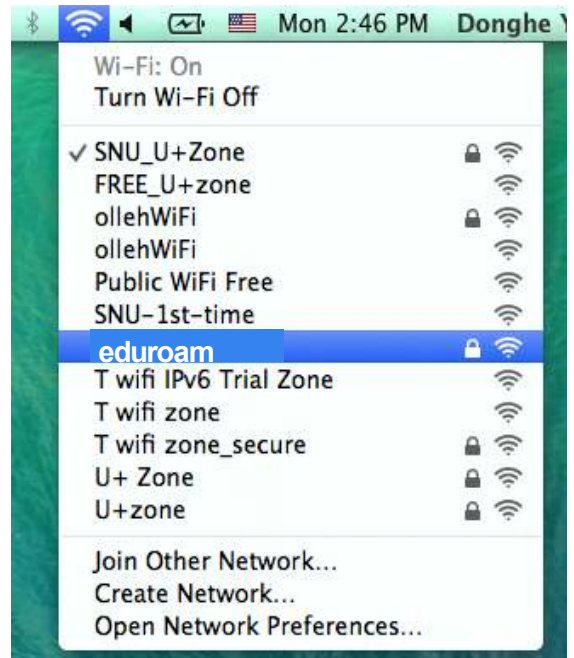　- Password : mySNU password

　Click 'Connect'.

The configuration is complete.

Open any web browser and access the Internet.
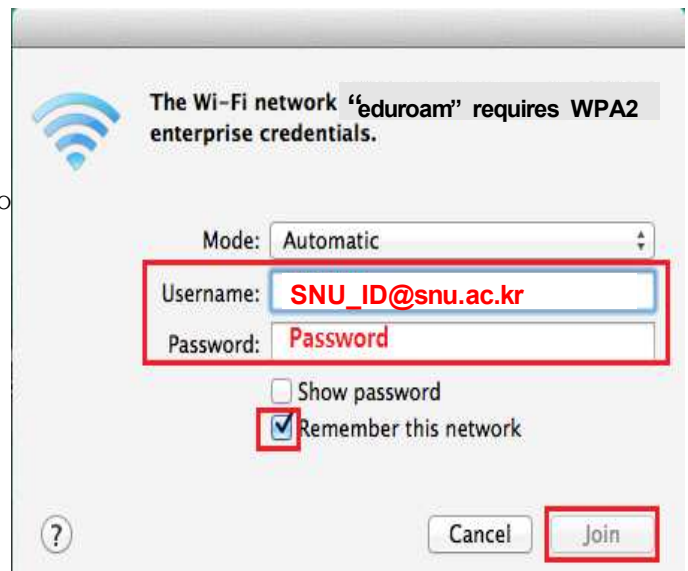
II-4. MacBook (MacOS)

1. Click the WiFi icon in the upper-right corner and click 'Wi-Fi: On'.

2. Click **'eduroam'** from SSID.

3. Username: **SNU_ID@snu.ac.kr**
   Password: mySNU password
   (If you Click the check box for 'Remember this Network', you don't have to enter ID and password next time.)
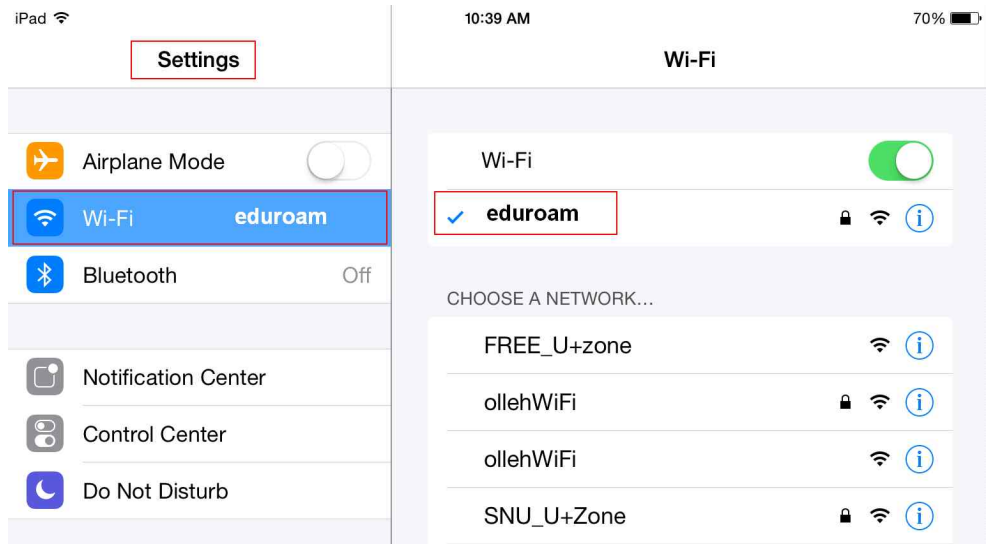
   Click 'Join'.

   The configuration is complete.

4. Open any web browser(Safari, Chrome, Internet explorer, Firefox).
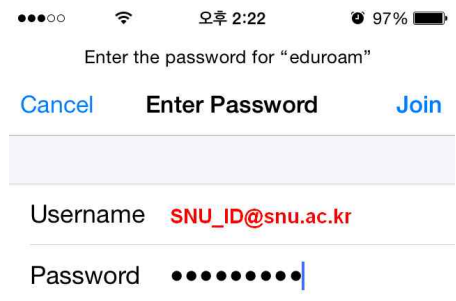
Ⅱ-5. iPhone/iPad (iOS)

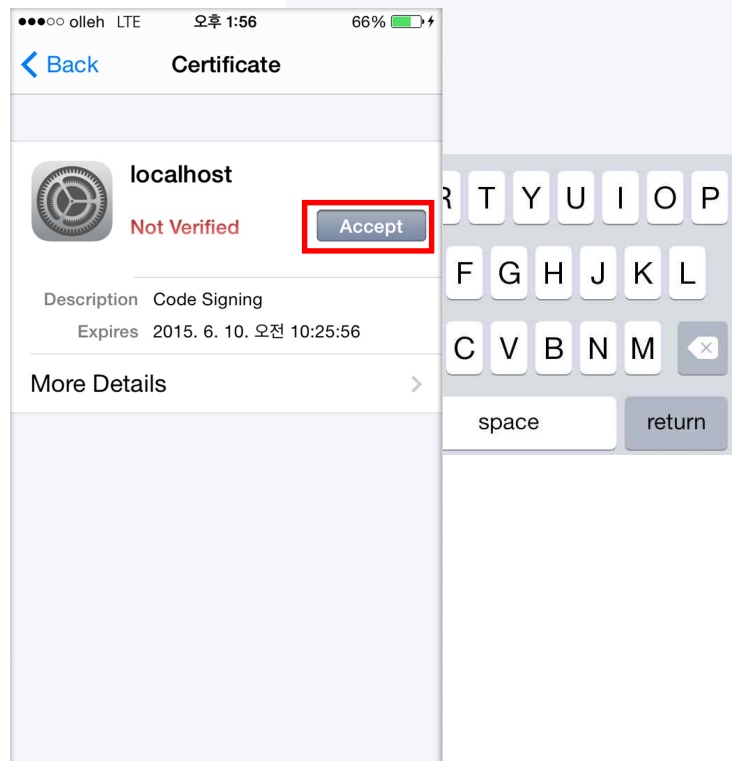1. Settings →
   Turn on WiFi →
   select "eduroam"
   from SSID

Settings

- Airplane Mode
- Wi-Fi   eduroam
- Bluetooth   Off

- Notification Center
- Control Center
- Do Not Disturb

iPad   10:39 AM   70%

Wi-Fi

Wi-Fi

✓ eduroam

CHOOSE A NETWORK...

FREE_U+zone
ollehWiFi
ollehWiFi
SNU_U+Zone

2. Enter username & password
   - Username : SNU_ID@snu.ac.kr
   - Password : mySNU Password

   Click "Join".

●●●○○   오후 2:22   97%

Enter the password for "eduroam"

Cancel   **Enter Password**   Join

Username   SNU_ID@snu.ac.kr

Password   ●●●●●●●●●

●●●○○ olleh LTE   오후 1:56   66%

‹ Back   **Certificate**

localhost

Not Verified   Accept

Description   Code Signing
Expires   2015. 6. 10. 오전 10:25:56

More Details   ›

   Click 'Accept'.

   The configuration is complete.

   Open any web browser.