

Campus Wireless LAN Authentication Method

Every user must be authenticated before using the campus wireless network service. Users are asked to enter their [Campus Wireless LAN Account](#) information. After authentication, the user may use the campus wireless network services. The interface for entering account information will differ depending on the method of authentication. An example using the **campus public area wireless LAN** is given below:

1. **Web-based** authentication: The connection name is **nthu-cc** or **TANetRoaming**. No extra setup is necessary.
 - All the user need is to open a browser window (e.g., Microsoft Internet Explorer, Mozilla Firefox,...), go to the authentication page, and enter their wireless LAN account username and password. Once successfully authenticated, the user may then use wireless internet.
 - Authentication procedure: (Obtain IP address before authentication)
Connect to a [verified wireless SSID on campus](#). Once you have obtained an IP address (i.e., your wireless network status is "connected"), open a browser window, where you will see the following authentication page. Enter your wireless network username (Staff ID or Student ID) and password, then click "login." Upon successful authentication, the browser window will be redirected to the NTHU homepage, meaning that your internet connection is working.
 - TANetRoaming: Taiwan Academic Network WiFi Roaming. For details, please see [Taiwan Academic Network Roaming](#).

The screenshot shows the authentication page for NTHU's Campus Public Area Wireless Network. At the top, there is the NTHU logo and the title "Campus Public Area Wireless Network Authentication System". Below this, a purple banner contains the text "REGISTERED USER". Under the banner, there are two input fields: "Username :" and "Password :", each followed by a text box. To the right of the password box is a black button labeled "login". Below the login fields, a line of text states: "Logging in as a registered user indicates you have read and accepted [†]Network Usage Policy and [†]Regulations for Using Campus Wireless LAN".

Below the purple banner, there is a section titled "For the sake of high security, access to the campus public area wireless network is authenticated via 802.1x+PEAP (SSID: nthupeap or eduroam). However, because of users' need to determine their own settings, and in order to make it easier and more convenient for users to use the wireless network service, the wireless network in public areas has established a dual control access. In addition to retaining the original 802.1x authentication method, authentication and access can also be done through the webpage (such as this system, SSID: nthu-cc or TANetRoaming)."

Below this, a line of text says: "Should any question arise regarding the use of this system, please contact Miss Lin at ext. 31235. Thank you."

Next is a section titled "※ Terms and Conditions of Wireless Network Connection :" followed by a list of bullet points:

- If you have not applied for a wireless network account, please apply with the Computer and Communication Center.
 - Rules regarding account application can be viewed "[Account Application](#)", or you may make an inquiry by contacting ext. 31000 or 31235.
 - If you are unable to log in to the system with your username and password, please check it in "[Account Status Enquiry](#)". Considering the confidentiality of personal data and other security factors, the Center does not provide wireless network account and password inquiry services. For users who have applied for accounts but have forgotten the passwords, reapplication is recommended.
- Academic staff and students of the University may enter the wireless network account numbers and passwords acquired from the Computer and Communication Center in the "Registered User" service area, and simply click "Login" to log in to the system.
- If you are an external user:
 - If you hold an inter-university roaming account, you can also log in to the system with the roaming account. Simply note that the account input format should be: username@name_of_the_network_domain_of_your_university (if that name is not known, it is recommended that you

2. **802.1X + PEAP** Authenticating: The connection name is **nthupeap** or **eduroam** . **Additional**

setup is necessary.

- Connecting to a different network name requires separate setup using the same steps. For the same network name (e.g. "nthupeap"), you only need to setup once. After setup is complete, enter the wireless LAN account username and password for the authentication. Once successfully authenticated, you may use wireless internet. Please refer to the setup procedures and explanations according to your operating system and version: For users of [Windows 8 / Windows 7 / Mac OS / iOS / Android](#).
- Authentication procedure: (Authenticate before obtaining an IP address)
Connect to a [verified wireless SSID on campus](#). After completely they [setup](#), a dialog box will appear (shown below) where you can enter your authentication details. Enter your wireless network username (Staff ID or Student ID) and password, then click "OK". If your wireless network status changes to "connected," that means authentication was successful and you may access the internet.
- eduroam: International roaming. For details, please see [eduroam international roaming](#).

3. Authentication in non-public areas (e.g. Wireless LAN setup per department) is roughly the same as the two methods described above, though settings and usage may differ slightly (for example, the connection name). For details, please see a [verified wireless SSID on campus](#), or ask the administrator of the department office.

From:

<https://net.nthu.edu.tw/netsys/> - 網路系統組

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