

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 login interface for the Campus Public Area Wireless Network Authentication System at National Tsing Hua University. The page is titled "REGISTERED USER" and features a login form with fields for "Username" and "Password", and a "login" button. Below the form, there is a disclaimer: "Logging in as a registered user indicates you have read and accepted [Network Usage Policy](#) and [Regulations for Using Campus Wireless LAN](#)." The page also includes a security notice about 802.1x+PEAP authentication and a section for "Terms and Conditions of Wireless Network Connection" with several bullet points regarding account application, confidentiality, and user types.

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. “nthupear”), 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](#) / [macOS](#) / [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](#).

1. 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.

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