Network config - TCP/IP settings

Description:

The following example is based on Microsoft Windows 11(23h2) Enterprise(In-campus Authorized Software)!

Windows 8/10 users check HERE.

macOS Sequoia 15.x users check HERE.

WiFi Router users check HERE.

Step1

• Click on the network icon in the lower right corner of the screen, then click the "**Network & Internet settings**".

2	Diagnose netw	vork problems	
ŝ	Network and I	nternet settings	3
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Step2

• Click "Advanced network settings".



Last update: 2025/02/12 en:faq:domitory_network_config_win11_23h2_adv https://net.nthu.edu.tw/netsys/en:faq:domitory_network_config_win11_23h2_adv 15:10

Step3

• Left click on "Ethernet", then Edit "Properties". \times ← Settings ··· > Advanced network settings 系統管理者 Local Account Network adapters 1. Left Click on Ethernet Q, Find a setting Ethernet0 ٢P R) 82574L Gigabit Network Disable ~ ction System Media state: Enabled Bluetooth & devices a Bytes sent: 1,088,205 Bytes received: 3,660,660 Network & internet Link speed: 1000 (Mbps) Personalization Duration: 00:25:41 22 Apps Rename this adapter Rename Accounts View additional properties Time & language Then Edit Gaming 62 Edit More adapter options Accessibility × 藍牙網路連線 1 Disable Bluetooth Device (Personal Area Privacy & security Network)

Step4

• Find and select "Internet Protocol Version 4 (TCP/IPv4)", then click "Properties".

Ethernet0 Properties	\times				
Networking					
Connect using:					
Intel(R) 82574L Gigabit Network Connection					
Configure					
This connection uses the following items:					
Client for Microsoft Networks	^				
File and Printer Sharing for Microsoft Networks					
1. OoS Packet Scheduler					
Internet Protocol Version 4 (TCP/IPv4)					
Microsoft Network Adapter Multiplexor Protocol					
Microsoft LLDP Protocol Driver					
Internet Protocol Version 6 (TCP/IPV6)	~				
2.	-				
Install Uninstall Properties					
Description					
Transmission Control Protocol/Internet Protocol. The default wide area network protocol that provides communication across diverse interconnected networks.					
OK Canc	el				

Step5

- Fill in your Dormitory Network TCP/IP settings and don't forget to click "OK".
- Subnet mask is 255.255.255.0, do not input 255.255.0.0!
 Although you can freely open any website you like, except the NTHU related page(140.114.*.*).

Internet Protocol Version 4 (TCP/IPv	4) Properties	×			
General					
You can get IP settings assigned aut this capability. Otherwise, you need for the appropriate IP settings.	omatically if your network supports to ask your network administrator				
Obtain an IP address automatic	ally				
Use the following IP address:					
IP address:	140 . 114				
Subnet mask:	255 . 255 . 255 . 0				
Default gateway:	140 . 114				
Obtain DNS server address automatically					
Use the following DNS server addresses:					
Preferred DNS server:	140 .114 .63 . 1				
Alternate DNS server:	140 . 114 . 64 . 1				
Validate settings upon exit	Advanced				
	OK Cancel				

Step6

• Network config completed, feel free to connect the Internet.

