Configuring
network access:COUNSEL'S
CHAMBERS
LIMITED

Important:

Before you proceed, as part of connecting to the network, you will need your CCL Network username and password. If you are unsure of your username and password, you can verify or reset your password at password.ccl.com.au, or if you require any further assistance regarding the following instructions, please contact CCL Support via email at support@ccl.com.au.





Right-Click your internet icon down the bottom right of your computers taskbar and select **Network and Internet Settings**.







A window will open titled *Network and Internet*.

Select Advance network settings.

Network & internet		
Ethernet 2		
D Properties Public network	Data usage > 37.4 GB, last 30 days	
Wi-Fi Connect, manage known networks, metered network	On 🛑 >	
Authentication, IP and DNS settings, metered network	>	
UPN Add, connect, manage	>	
(ආ) Mobile hotspot Share your internet connection	off • >	
Airplane mode Stop all wireless communication	Off • >	
Proxy Proxy server for Wi-Fi and Ethernet connections	>	
Dial-up Set up a dial-up internet connection	>	
Advanced network settings View all network adapters, network reset	>	





Advanced network settings will open.

Select More network adapter options.

··· > Advanced network settings			
Network adapters			
Wi-Fi Disable Not connected Intel(R) Wi-Fi 6E AX211 160MHz Disable	~		
CCL-Secure Lenovo USB Ethernet Disable	~		
Ethernet 3 Cisco AnyConnect Secure Mobility Client Virtual Miniport Adapter for Windows x64	~		
Bluetooth Network Connection Disable Disable	~		
More settings			
Data usage			
Hardware and connection properties			
Network reset Reset all network adapters to factory settings			
Related settings			
More network adapter options			
Windows Firewall			





A window will open titled *Network Connections*. Double-Click the option **Ethernet**.

<u>Please note:</u> Your device may have more than one connection titled "Ethernet" (e.g. Ethernet 2, Ethernet 3, etc.) If this is the case, please select the device listed as Connected.







A window will open titled *Ethernet Properties*.

Select the Authentication tab.

Ethernet Properties			×	
Networking Authentication Sharing				
Connect using:	Connect using:			
Intel(R) Ethemet Connection (4) 121	9-V			
	Confi	igure		
 Client for Microsoft Networks File and Printer Sharing for Microsoft Vetwork Virtual Box NDIS6 Bridged Networ Virtual Box NDIS6 Bridged Networ Npcap Packet Driver (NPCAP) QoS Packet Scheduler Intel(R) Technology Access Filter Internet Protocol Version 4 (TCP/ 	oft Networks king Driver Driver IPv4)	^ ~		
Install Uninstall	Prope	erties		
Description Allows your computer to access resource network.	es on a Micros	oft		
	ОК	Cancel		





In the *Authentication* tab, under the section *Choose a network authentication method*, change the selected method to **Microsoft: Protected EAP (PEAP)**.

Click the **Settings** button.

Ethernet Properties	×
Networking Authentication Sharing	
Select this option to provide authenticated network access for this Ethemet adapter. Enable IEEE 802.1X authentication	ur.
Choose a network authentication method:	_
Microsoft: Smart Card or other certificate Microsoft: Smart Card or other certificate Microsoft: Protected EAP (PEAP) Microsoft: EAP-SIM Microsoft: EAP-TTLS Microsoft: EAP-AKA Microsoft: EAP-AKA']\$
Additional Settings	
ОК С	ancel

Step 7

A window will open titled *Protected EAP Properties*. Firstly, under the section titled *Trusted Root Certification Authorities*, ensure that the option for **DigiCert Global Root CA** is selected. (Please note, as shown, sometimes there may be more than one of these listed. Please ensure all are ticked).

Click the **Configure** button.





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In the *EAP MSCHAPv2 Properties*, ensure that *Automatically use my windows log-on name and password (and domain if any)* is **unticked**.

Click **OK** in this window, then click **OK** in the *Protected EAP Properties* window.

EAP MSCHAPv2 Properties	×	
When connecting:		
Automatically use my Windows log on name and		
password (and domain if any).		
ОК	Cancel	





You will be taken back out to the *Ethernet Properties* window.

Select Additional Settings.

@	D		~
Hernet	Properties		X
Networking	Authentication	Sharing	
Select this option to provide authenticated network access for this Ethemet adapter.			s for
Choose a network authentication method:			
Microso	ft: Protected EAP	(PEAP) V Set	tings
 Remember my credentials for this connection each time I'm logged on Fall-back to unauthorised network access Additional Settings 			
		ОК	Cancel

Step 10



Select Save Credentials.

Advanced settings	×
802. 1X settings	
Specify authentication mode	
User authentication V Save credentials	
Delete credentials for all users	
Enable single sign on for this network	
Perform immediately before user logon	
O Perform immediately after user logon	
Maximum delay (seconds): 10	
Allow additional dialogs to be displayed during single sign on	
☐ This network uses separate virtual LANs for machine and user authentication	
OK Cance	4



Step 11



A *Windows Security* window will open, enter in your CCL Username and Password.

Click **OK**, then in the *Advanced Settings* window, click **OK**, and then in the *Ethernet Properties* window, click **OK**.

You should now be back out at the *Network Connections* window.

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).		
Username		
Password		
OK	Cancel	





Please verify that your internet connection is working. If it is, You are now successfully connected to the CCL Network via MS-CHAPv2.

If you require any further assistance regarding the previous instructions, please contact CCL Support via email at support@ccl.com.au.