NUS Wireless Network Configuration Guide for Windows 10

The steps in this guide also applies to “NUS_2-4GHz” and student wireless SSID “NUS_STU” & “NUS_STU_2-4GHz” as well.

1. Go to Windows 10 Desktop.

2. Press the Windows key and R key from your keyboard to open “Run”. Enter services.msc and click OK.
3. Locate WLAN AutoConfig and right-click on it to choose Properties.

4. Change Startup type to Automatic and click Start. Then click OK.
5. Press Windows key and R key again to open “Run”. Enter control click OK.

6. Click Network and Internet.
7. Click on **Network and Sharing Center**.

8. Click **Set up a new connection or network**.
9. Choose **Manually connect to a wireless network** and click **Next**.

10. Enter/select the following settings:
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- Network Name: NUS
- Security Type: WPA2-Enterprise
- Encryption type: AES
- Tick Start this connection automatically
- Tick Connect even if the network is not broadcasting

Click Next.

11. Click Change connection settings.
12. Under **Connection** tab, tick **only** the following options:

- Connect automatically when this network is in range.

- Connect even if the network is not broadcasting its name (SSID)
13. Under **Security** tab, choose the following settings:

- **Security Type**: WPA2-Enterprise
- **Encryption Type**: AES
- Tick **Remember my credentials for this connection each time I’m logged on**.
- **Network Authentication Method**: Microsoft Protected EAP (PEAP)

Click **Settings**.

**Note**: if you are using a common or shared notebook, you should Uncheck **Remember my credential for this connection each time I’m logged on**.
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
14. Select only the following options:

- Tick Verify the server’s identity by validating the certificate
- Tick thawte Primary Root CA
- Tick Enable Fast Reconnect
- Select Authentication Method: Secured password (EAP-MSCHAP v2)

Click Configure.

15. Untick Automatically use my Windows logon name and password (and domain if any) and click OK.
16. Click **OK**.

17. Click **Advanced settings**.
18. Tick **Specify authentication mode** and select **User or computer authentication**.

19. Click **802.11 settings** tab and tick **Enable Pairwise Master Key (PMK) caching**
20. Go to the bottom right of your Windows taskbar and click on the wireless icon.

21. Click on **NUS** and click **Connect**.

22. Enter NUSNET Username and Password and click **OK**.

   - **Username**: (Enter your “Domain\NUSNET Username”)
     (E.g. of Domain: NUSSTF/NUSSTU/NUSEXT)
   - **Password**: (Enter your NUSNET Password)
23. You are now connected to **NUS** wireless network.