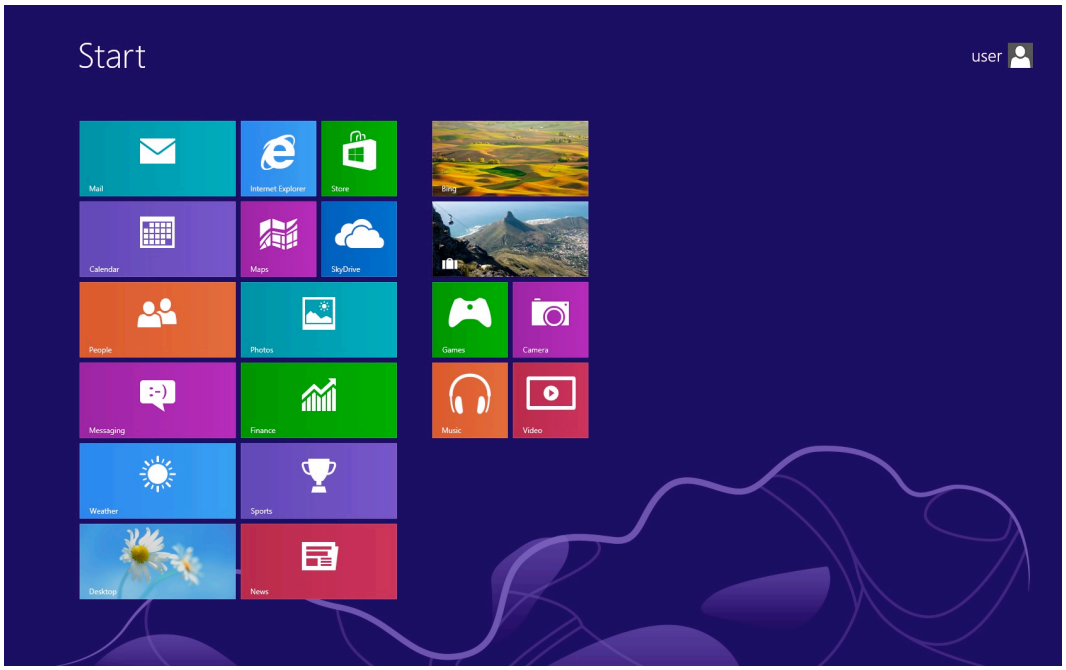
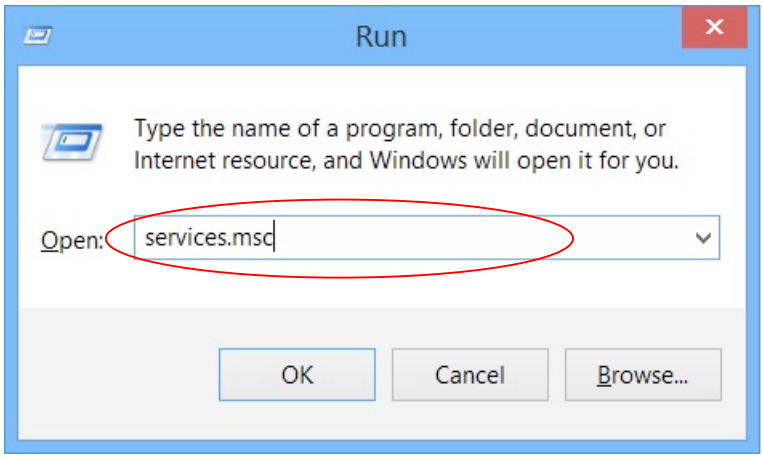
802.1x Configuration Guide for Windows 8

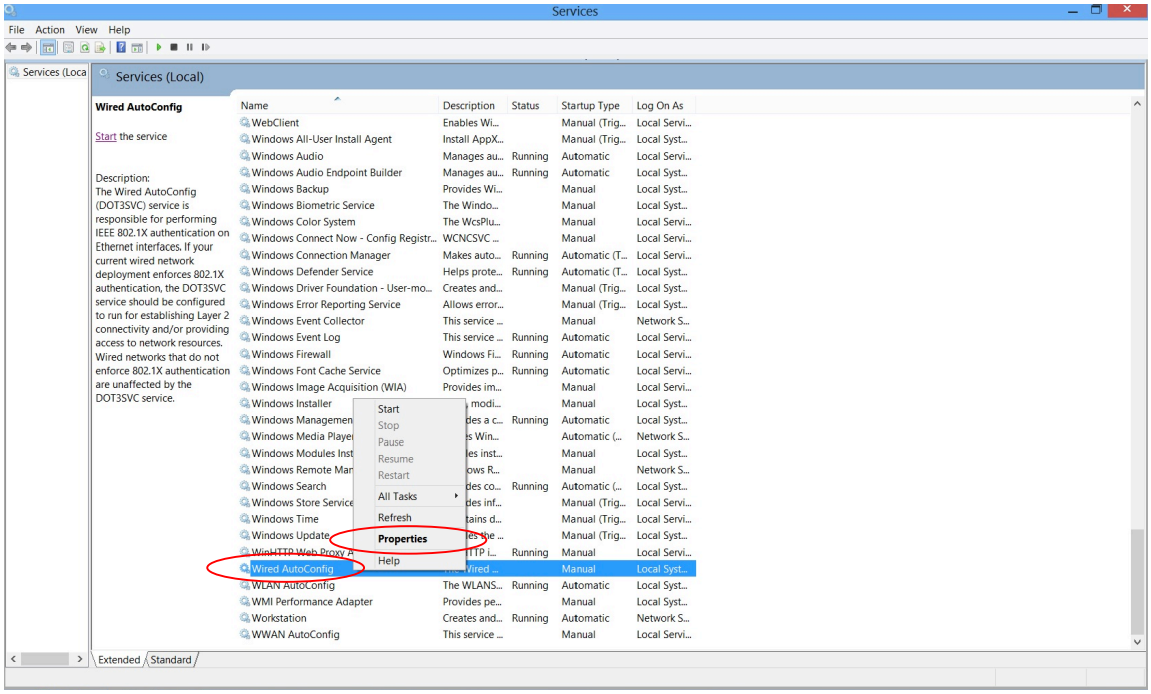
1. Press **Window-key** button on keyboard to gain access to traditional desktop.



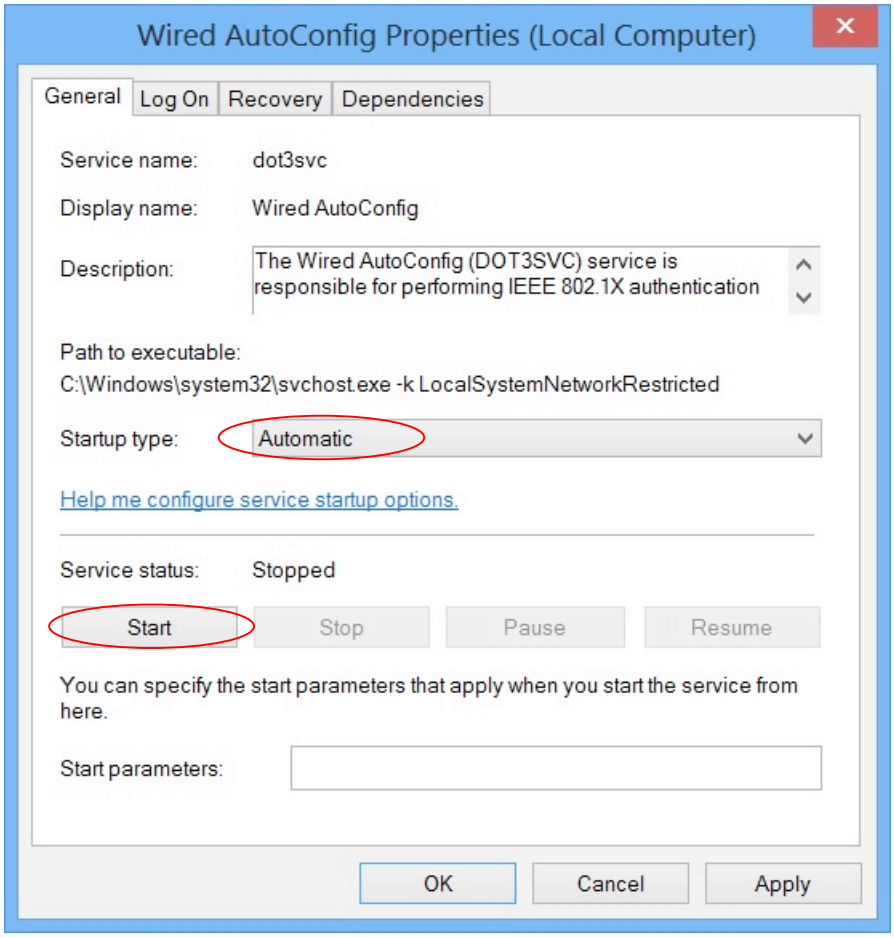
2. Hold **Window-key** button and press **R**, type **services.msc** and then click **OK**.



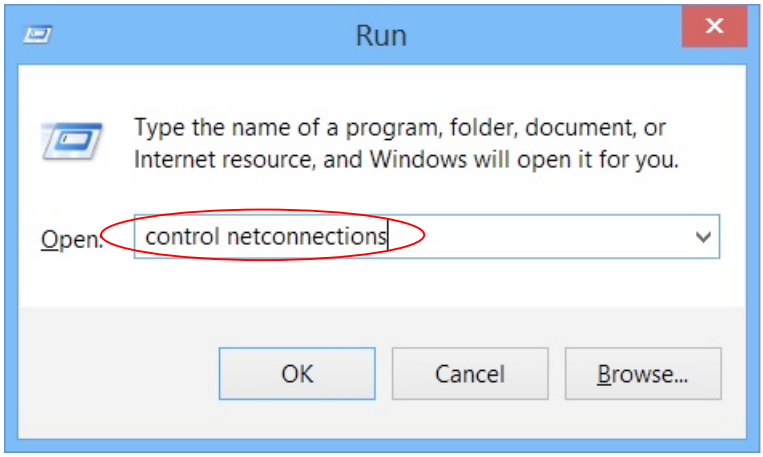
3. Right click on **Wired AutoConfig**. Choose **Properties** from the pop up menu.



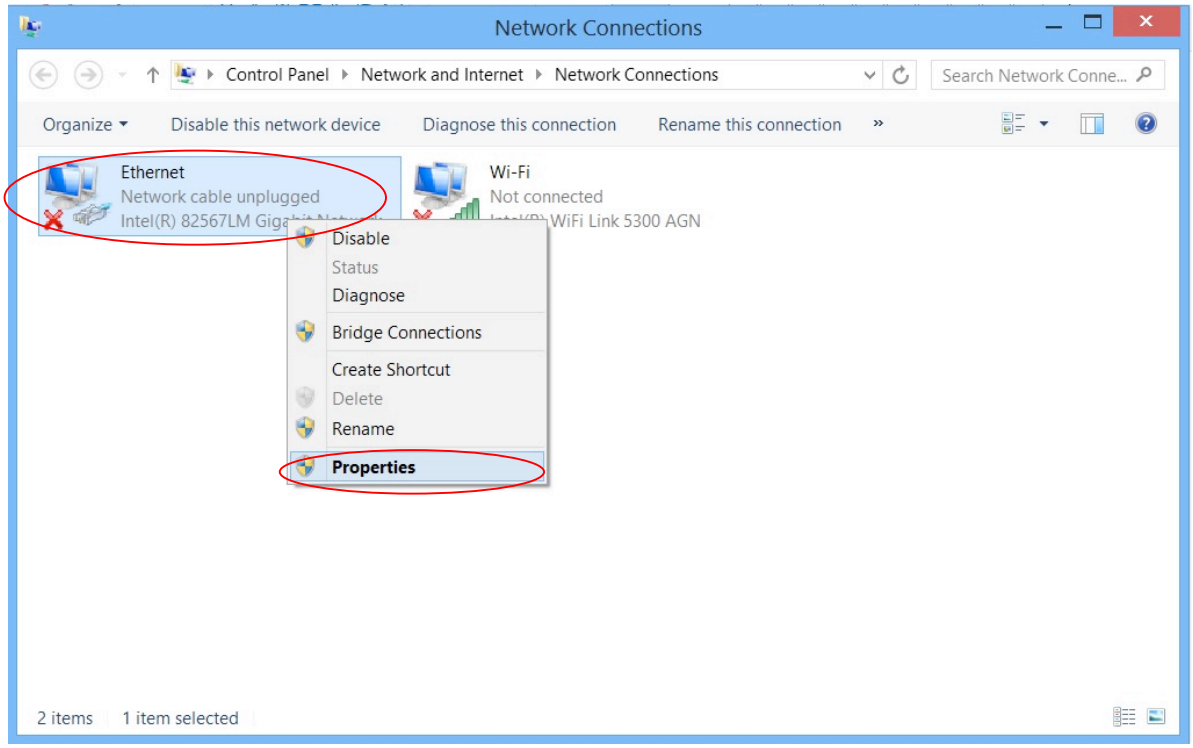
4. Change **Startup type** to **Automatic** and click **Start**. Follow by clicking **OK**



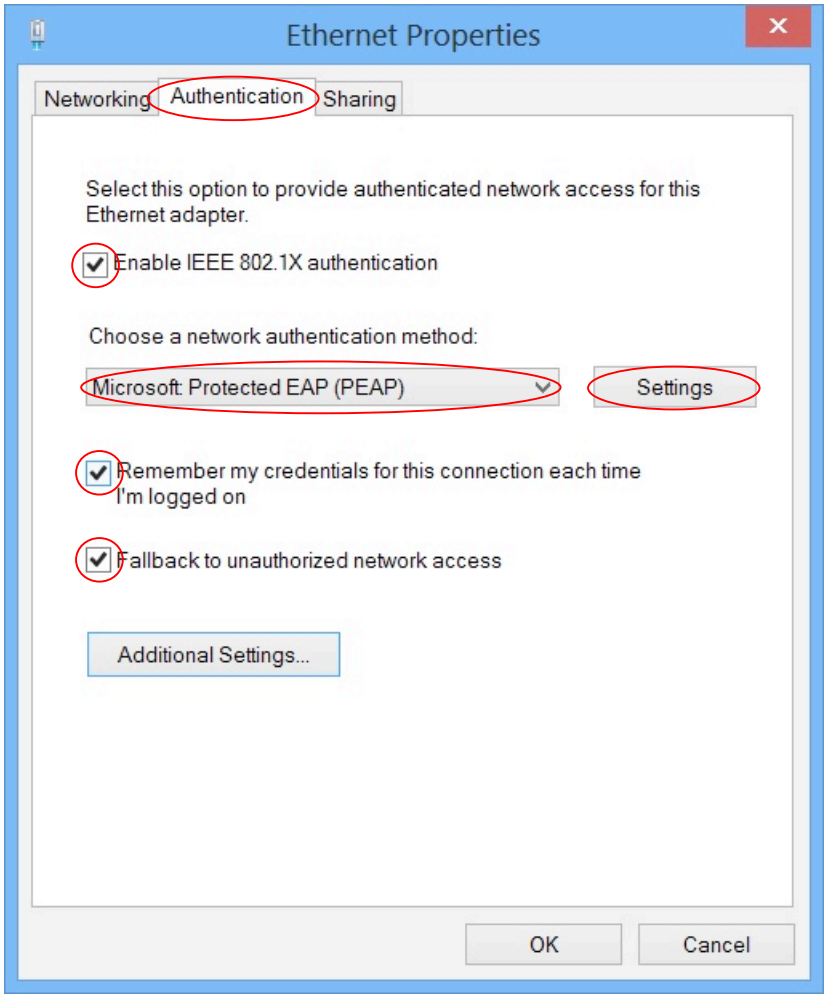
5. Hold **Window-key** button and press **R**, Type **control netconnections** and click **OK**.



6. Right click on **Local Area Connection (Ethernet)**. Choose **Properties** from the pop up menu.



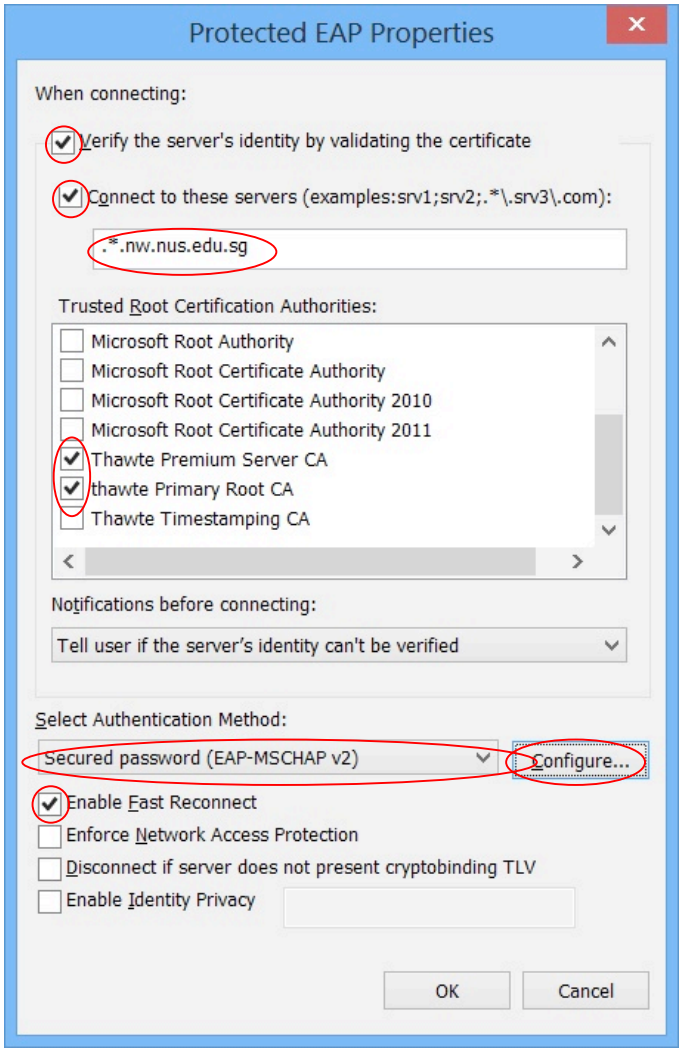
7. Click on **Authentication** tab. Check **Enable IEEE 802.1X authentication**. Check "*Remember my credentials for this connection each time I'm logged on*". Check *Fallback to unauthorized network access*. Choose **Microsoft Protected EAP (PEAP)** as network authentication method. Then click on **Settings**.



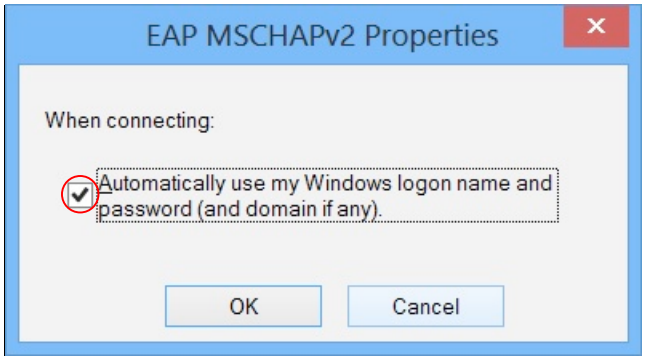
8. Check option "*Verify the server's identity by validating the certificate*" and "*Connect to these servers*". Enter **.*.nw.nus.edu.sg** at the field box. Check **Thawte Premium Server CA** and **thawte Primary Root CA**. Check "*Enable Fast Reconnect*".

   Uncheck option *"Enforce Network Access Protection", "Disconnect if server does not present cryptobinding TLV"* &*"Enable Identity Privacy"*

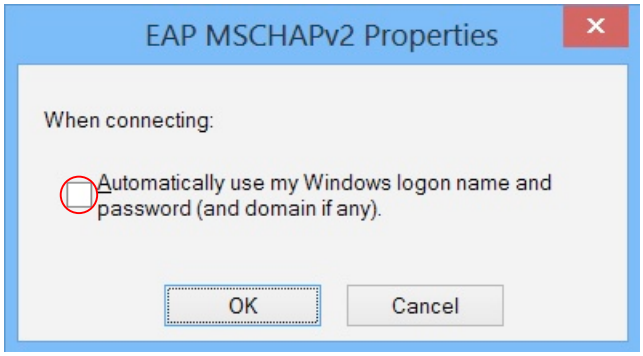
   Choose **Secured password (EAP-MSCHAP v2)** as Authentication Method. Then click **Configure**.



9. If this is a Domain Computer, check option *"Automatically use my Windows logon name and password (and domain if any)*".

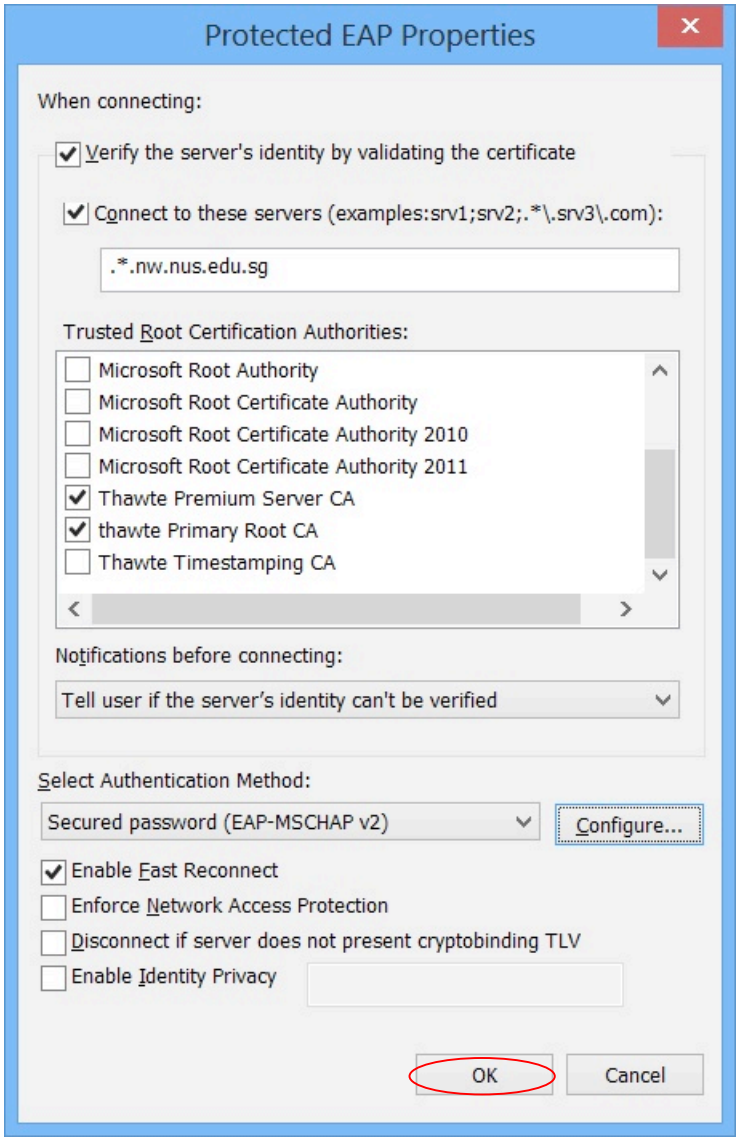


Or else uncheck option.

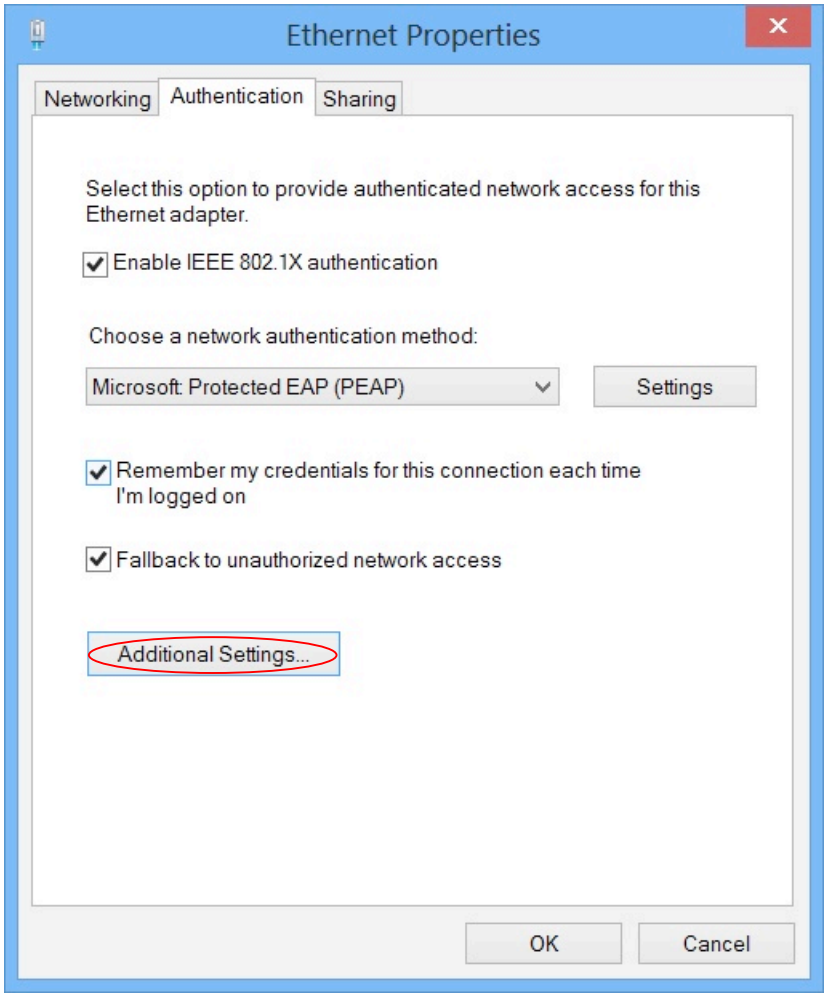


Then click **OK**.

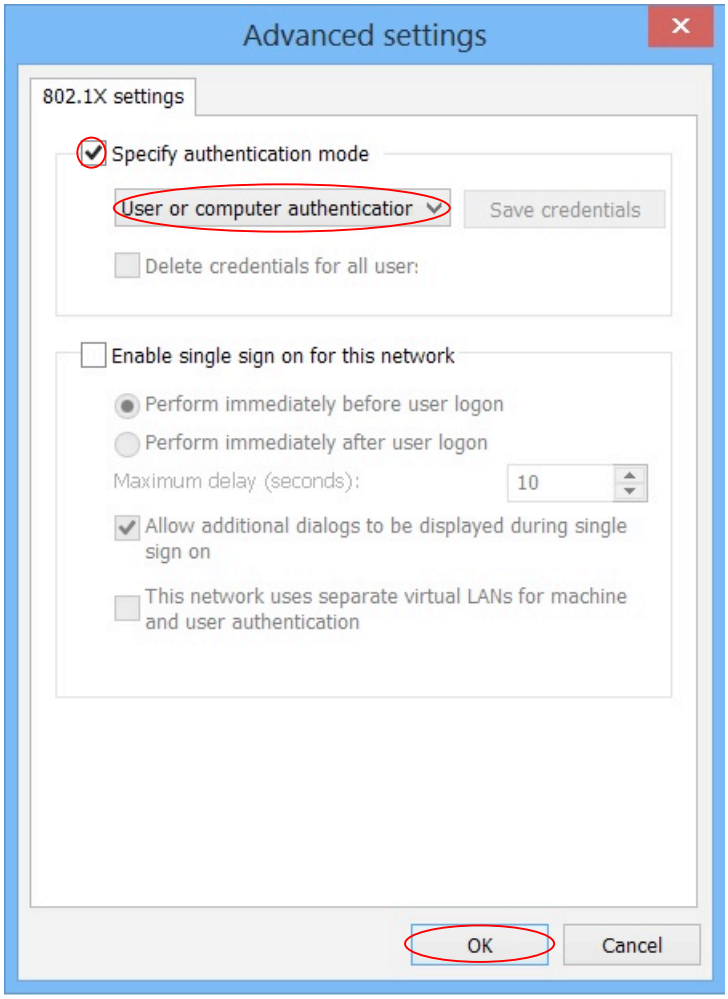
10. Upon returning to the "*Protected EAP* Properties" menu, click **OK**.



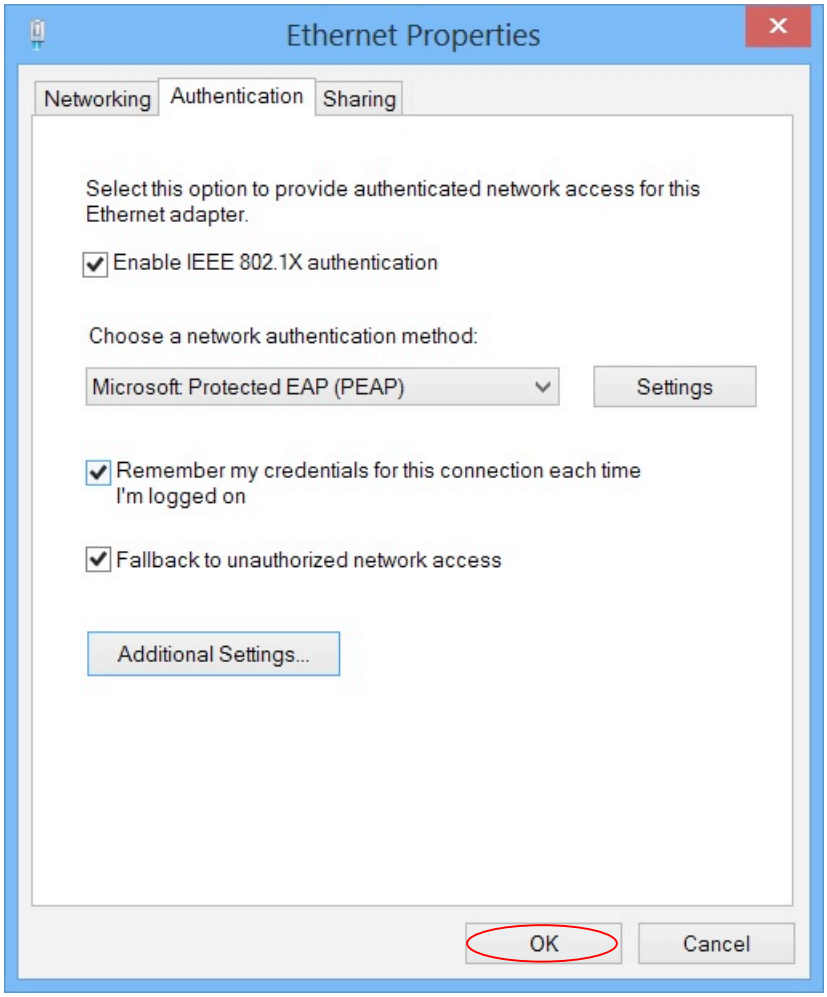
11. Click on **Additional Settings**.



12. Check **Specify authentication mode**, Select **User or computer authentication** from the drop down menu and then click **OK**.



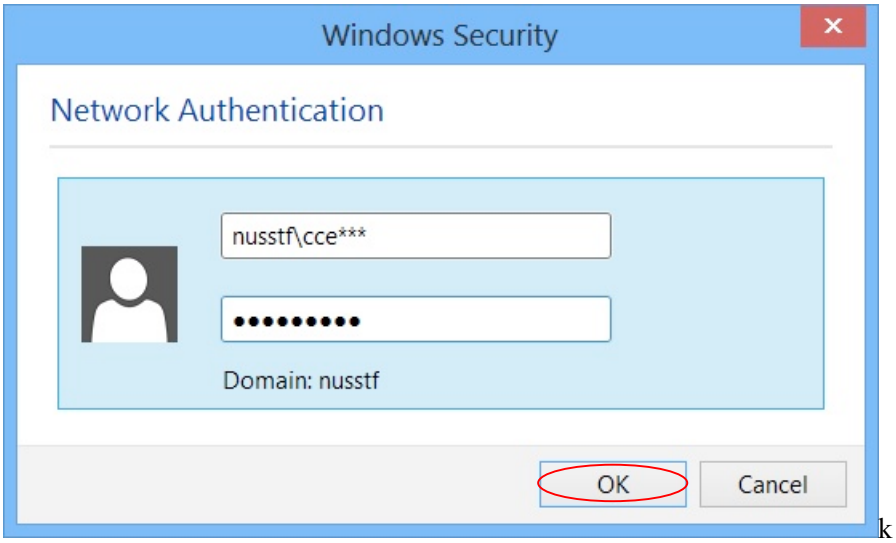
13. Click **OK**.


Ethernet Properties
Networking
Authentication
Sharing
Select this option to provide authenticated network access for this Ethernet adapter.
Enable IEEE 802.1X authentication
Choose a network authentication method:
Microsoft: Protected EAP (PEAP)
Settings
Remember my credentials for this connection each time I'm logged on
Fallback to unauthorized network access
Additional Settings...
OK
Cancel

14. Once connected to the wired port, you will be able to get Network Authentication window.

15. Enter Username and Password and then click on **OK**.

- **Username** : (Enter your "Domain\Username")
  (E.g. of Domain: NUSSTF/NUSSTU/NUSEXT)
- **Password** : (Enter your Password)



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16. Upon authentication, user will be successfully connected to the NUS network.