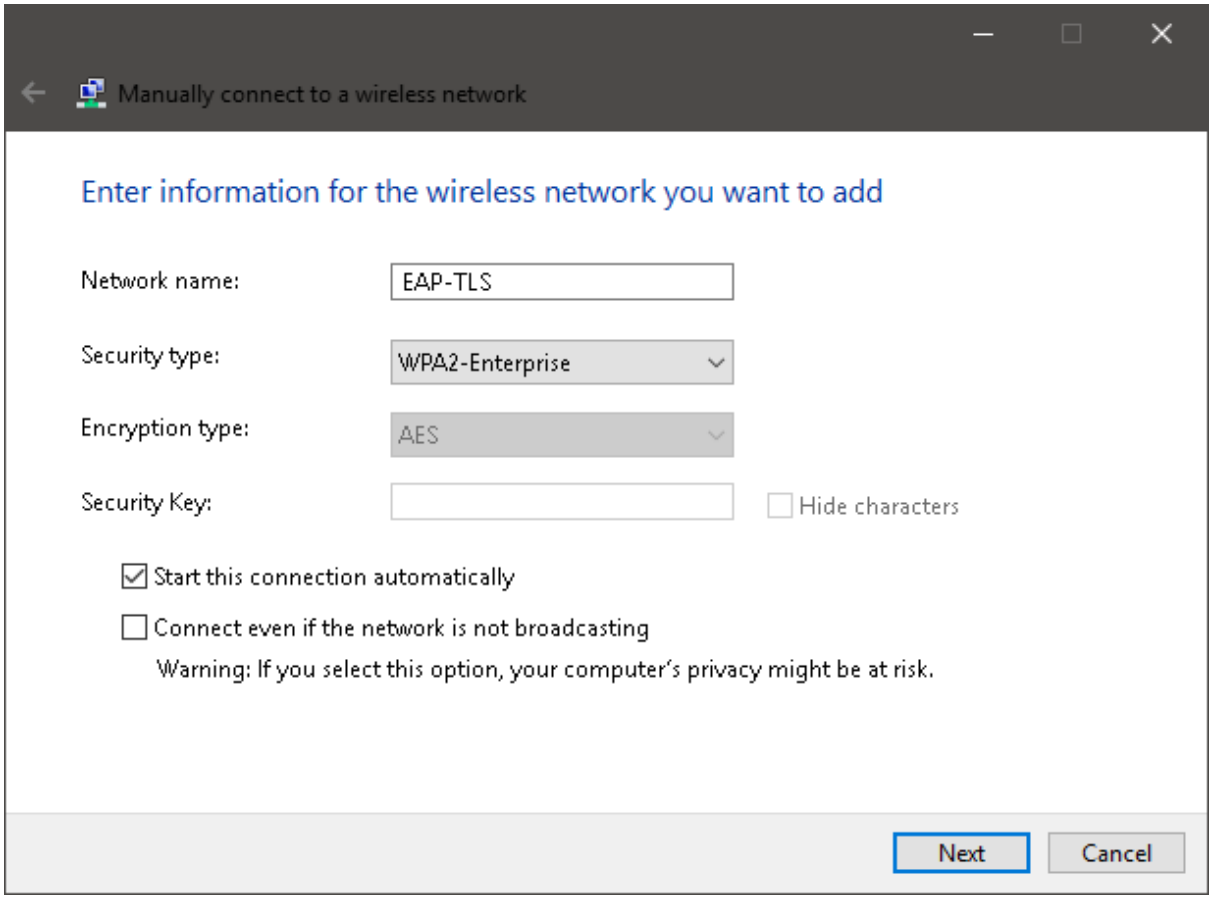
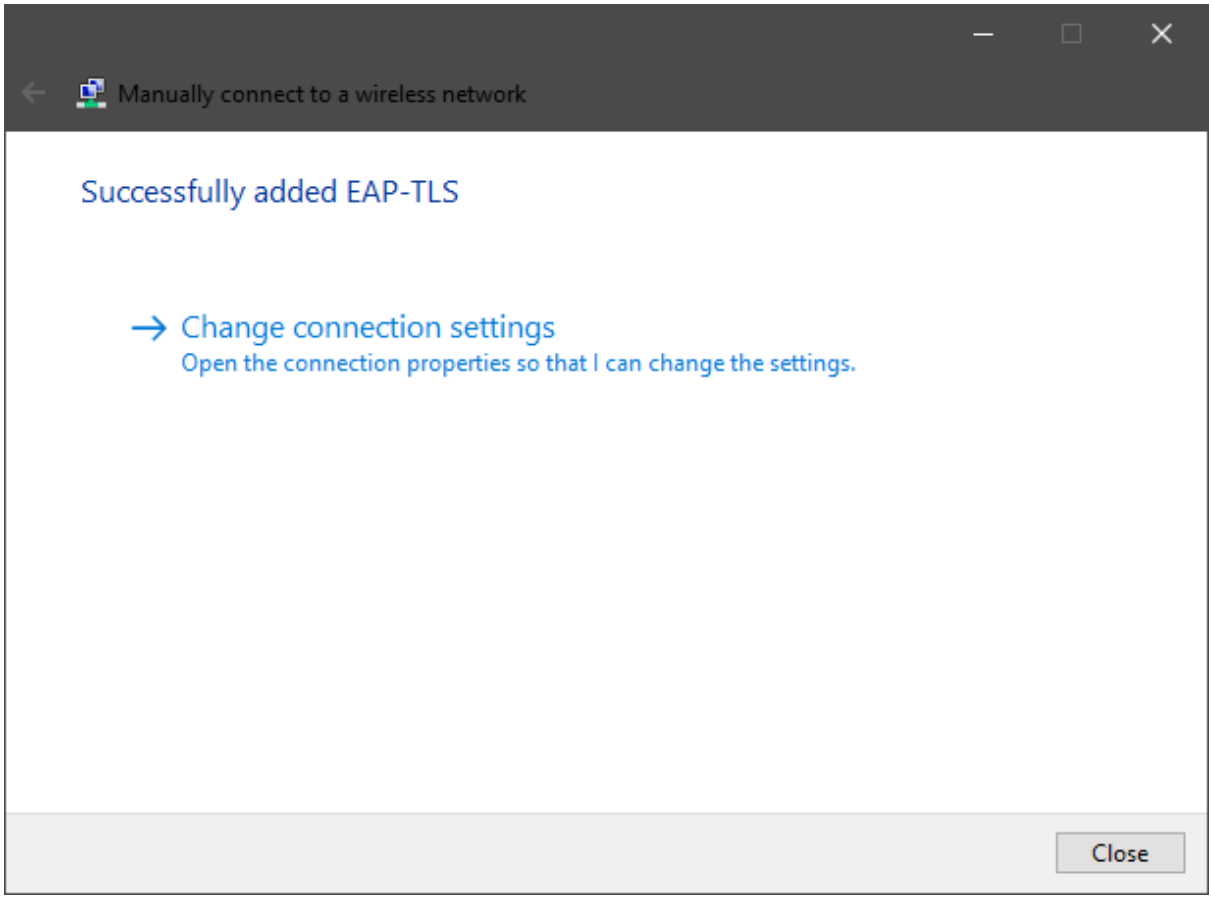
Configuring Windows 10 wireless profile to use certificate

Create a new wireless SSID for this secure connection, in this case EAP-TLS.

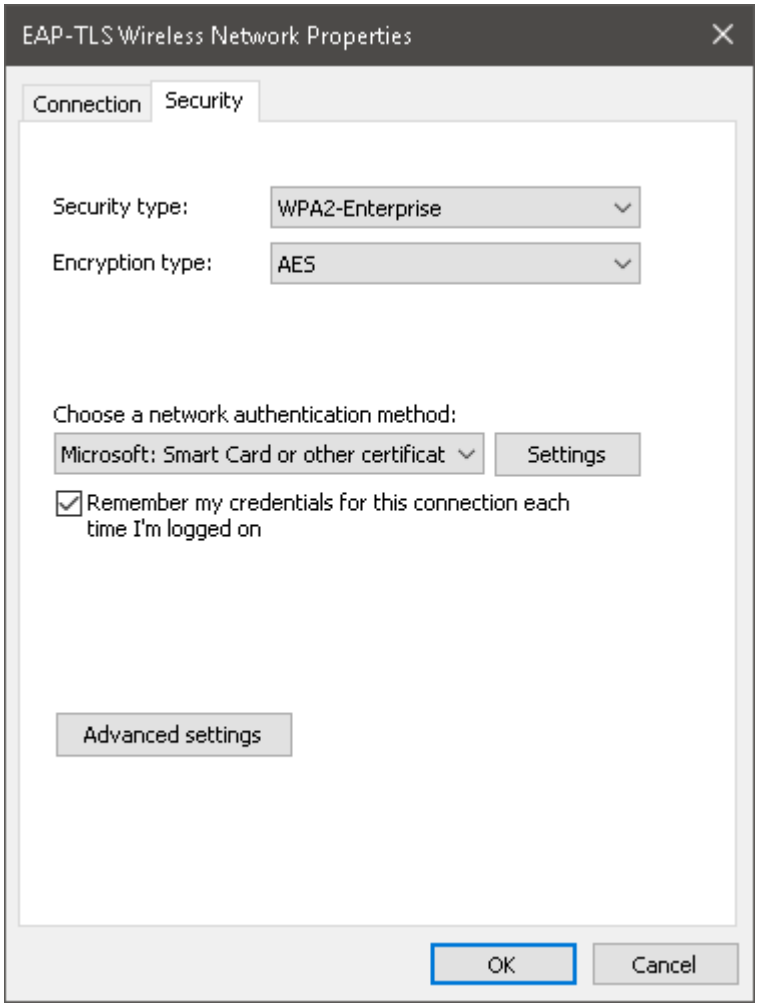
1. On Windows 10, got to **Control Panel > Network and Sharing Center > Set up a new connection or network > Manually connect to a wireless network**. Enter a **Network name** and set **Security type** to **WPA2-Enterprise**. The **Encryption type** is set to **AES**.



2. Once created, you have the option to modify the wireless connection. Select **Change connection settings**.



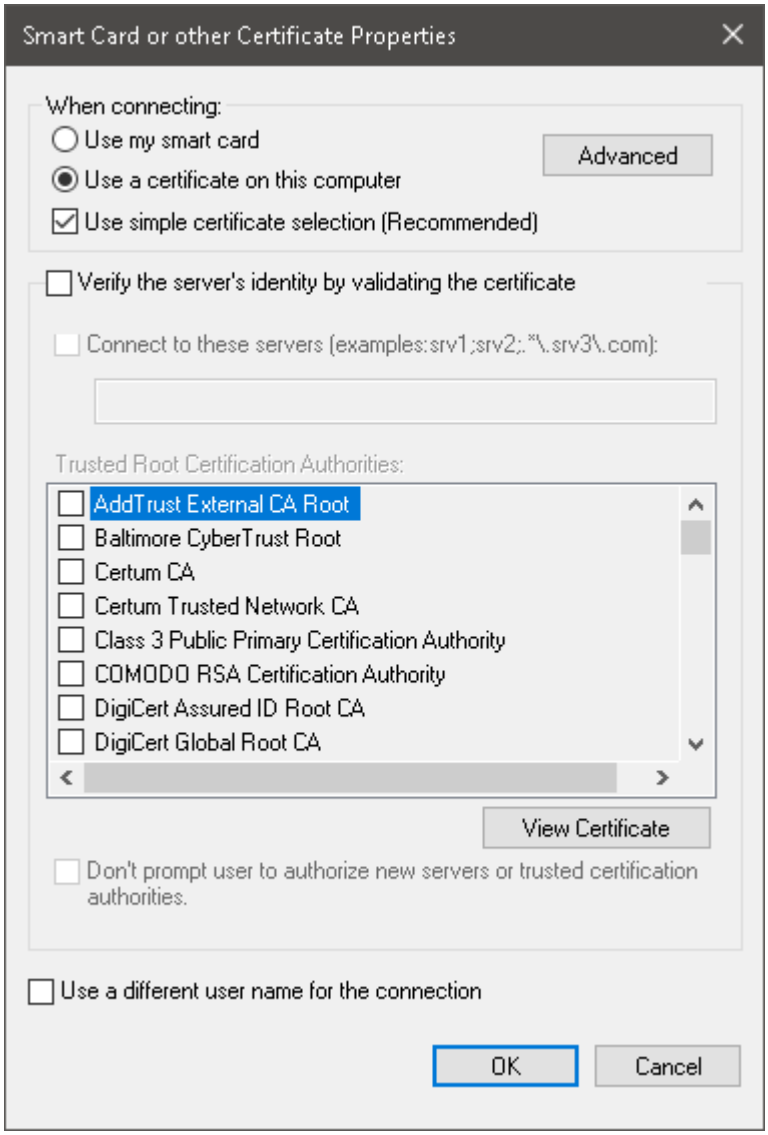
3. In the **Security** tab, set **Choose a network authentication method** to **Microsoft: Smart card or other certificates**, and select **Settings**.



4. Enable both **Use a certificate on this computer** and **Use simple certificate selection**.

   Note that, for simplification purposes, **Verify the server's identity by validating the certificate** has been disabled. However EAP--TLS allows the client to validate the server as well as the server validate the client. To enable this, you will need to import the CA from to the Windows 10 computer and make sure that it is enabled as a Trusted Root Certification Authority.

   Select **OK** for all dialog windows to confirm all settings. The configuration for the Windows 10 computer has been completed and the user should be able to authenticate to WiFi via the certificate without using their username and password.


Smart Card or other Certificate Properties
When connecting:
Use my smart card
Use a certificate on this computer
Advanced
Use simple certificate selection (Recommended)
Verify the server's identity by validating the certificate
Connect to these servers (examples:srv1;srv2;.*\.srv3\.com):
Trusted Root Certification Authorities:
AddTrust External CA Root
Baltimore CyberTrust Root
Certum CA
Certum Trusted Network CA
Class 3 Public Primary Certification Authority
COMODO RSA Certification Authority
DigiCert Assured ID Root CA
DigiCert Global Root CA
View Certificate
Don't prompt user to authorize new servers or trusted certification authorities.
Use a different user name for the connection
OK
Cancel