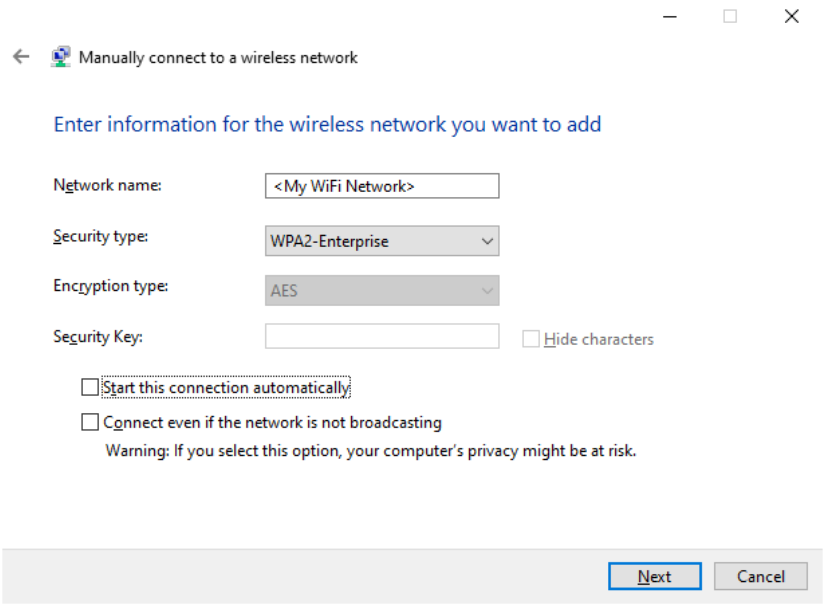
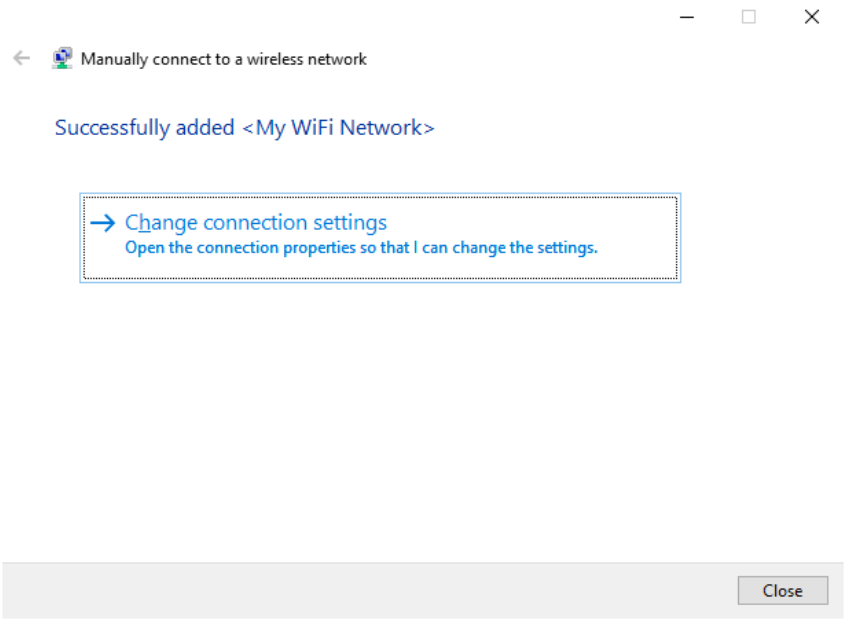
Windows 10 EAP-TTLS Configuration

You can create a new wireless connection which uses EAP-TTLS as the authentication method manually.

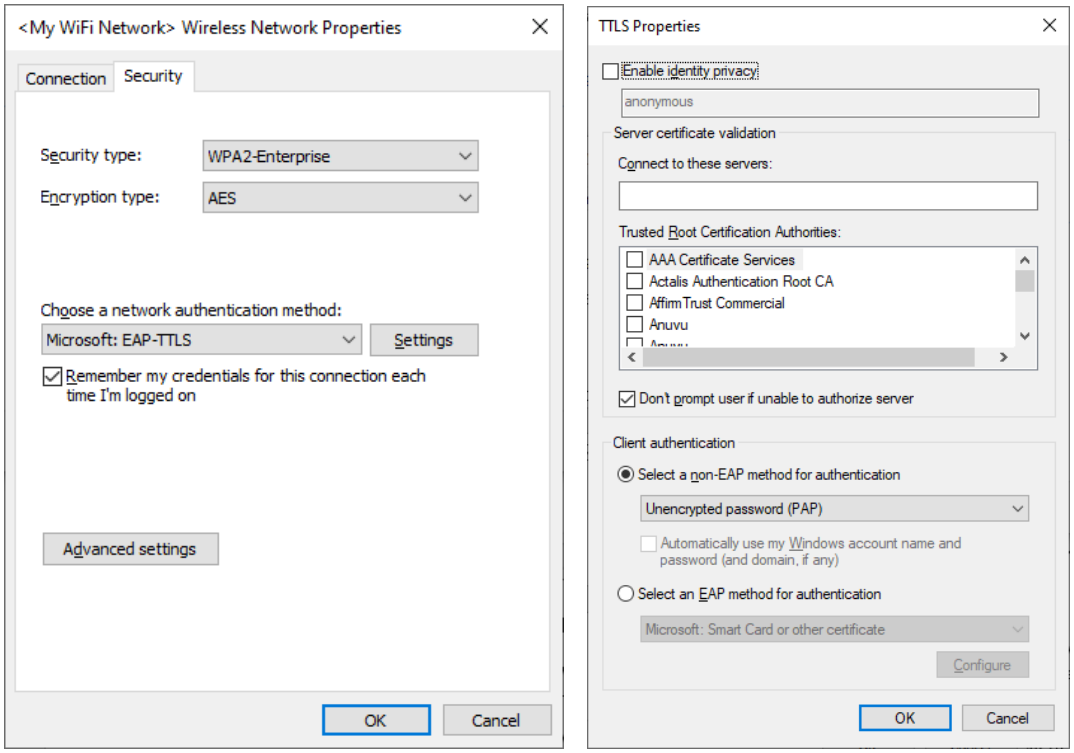
On Windows 10, go to **Control Panel > Network and Sharing Center > Set up a new connection or network > Manually connect to a wireless network**. Enter a **Network name** and set **Security type** to **WPA2-Enterprise**. The **Encryption type** is set to **AES**.



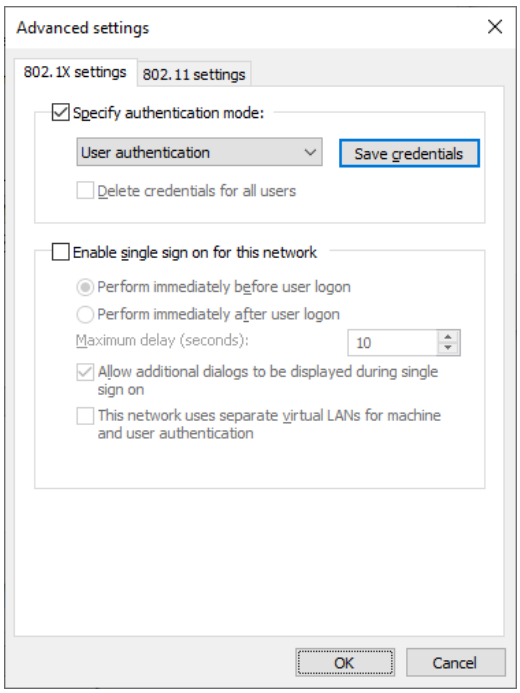
Once created, you have the option to modify the wireless connection. Select **Change connection settings**.



In the **Security tab**, **Choose a network authentication method** to **Microsoft: EAP-TTLS**, and select **Settings**.



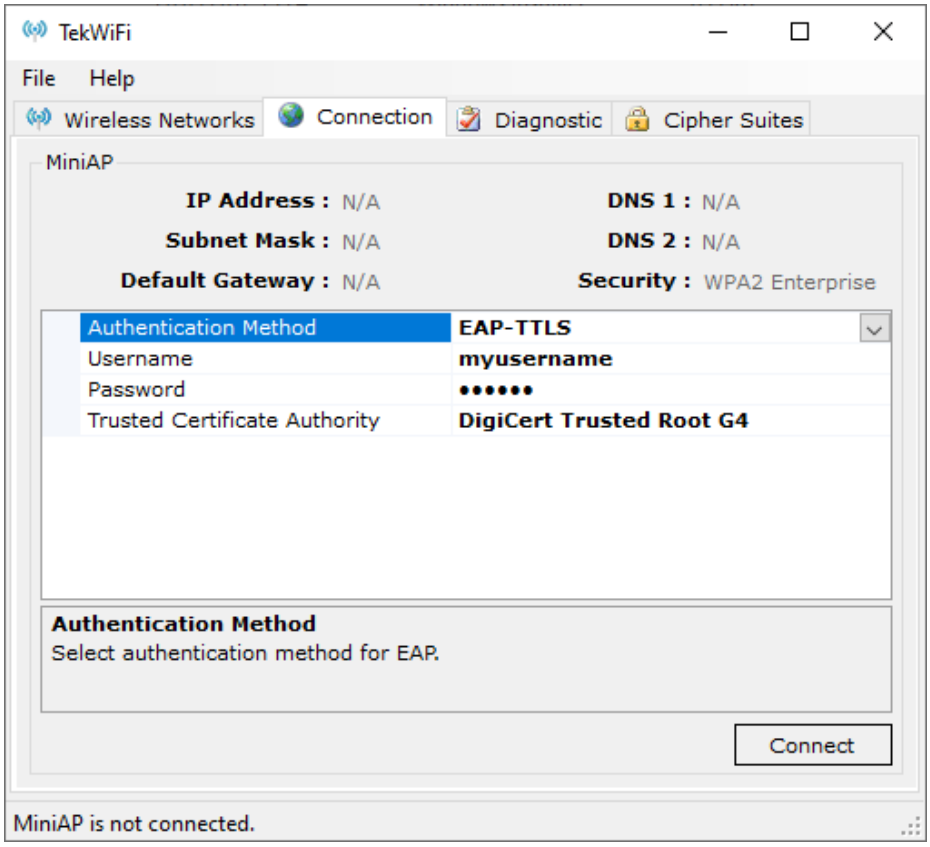
Note that, for simplification purposes, **Enable identity privacy and Don't prompt user if unable to authorize sever** options are disabled. However, EAP-TTLS allows the client to validate the server. To enable this, you will need to import the CA certificate to the Windows 10 computer and make sure that it is enabled as a Trusted Root Certification Authority in the Windows Certificate Store If your RADIUS server is not using a certificate from a known CA.



Click advanced settings and specify authentication as **User authentication**. You can optionally enter username and password by clicking **Save credentials** button.

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 Wi-Fi using their username and password.

You can optionally configure EAP-TLS using TekWiFi. Double click on the Wi-Fi network listed in Wireless Network tan and set EAP-TLS parameters. The Wi-Fi network Mesut be configured for WPA-Enterprise.



You can download TekWiFi from KaplanSoft Web site. Please see https://www.kaplansoft.com/tekwifi/ for more information.