UAMS ssid Wireless Network settings for Non-UAMS Windows 7 devices, or Windows 7 devices not attached to the UAMS Domain

For ease of installation and setup:
- Ensure you are in an area that has UAMS Wireless access.
- Ensure that the Laptop’s wireless card is enabled and powered on

Client setup for the UAMS ssid Wireless Network

Left click on Manage wireless networks.

Left click on the Wireless icon in the Systray.

Now Left click Open Network and Sharing Center.
Left click the **ADD** tab.

Left click **Manually create a network profile** tab.

In the field next to **Network name:** enter **UAMS** (this must be entered all in Caps).

Set the following options:

**Network Authentication:**  **WPA2-Enterprise**

**Data encryption:**  **AES**

Then Left click the **Next** tab.

You should see  **“Successfully added UAMS”**

Now Left click the **Change connection settings** tab.
In the **UAMS Wireless Network Properties** window under **Connections** tab, check the box for **Connect when this network is in range**

Now Left click the **Security** tab.

Under **Security** tab verify the following options settings:

- **Security type**: **WPA2-Enterprise**
- **Encryption type**: **AES**

Choose a network authentication method: **Microsoft: Protected EAP (PEAP)**

check the box for **Remember my credentials for this connection each time I'm logged on**

Now Left click the **Settings** tab
Now uncheck the box for Validate server certificate

Ensure the checkbox for Enable Fast Reconnect is checked.

Ensure that under Select Authentication Method: Secured password (EAP-MACHAP v2) is selected.

Now Left click the Configure... tab

In the EAP MSCHAPv2 Properties window uncheck the box for Automatically use my Windows logon name and password (and domain if any)

Now Left click the OK tab.

Now Left click the OK tab on the Protected EAP Properties window
In the **UAMS Wireless Network Properties** window

Left click **Advanced settings** tab,

In the **Advanced settings** window under the **802.1X settings** tab set the following options settings:

check the box for **Specify Authentication mode:**

Select **User authentication** in the dropdown box.

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**Optional Setting**

By Left clicking the **Save Credentials** you can enter your user name and password which will be entered automatically when whenever you connect **UAMS ssid**.

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In the **Advanced settings** window under the **802.11 settings** tab, ensure the following options set **Fast roaming**:

The checkbox for **Enable Pairwise Master Key (PMK) caching** is checked.

**PMK time to live (minutes):** 702

**Number of entries in PMK cache:** 128

Now Left click the **OK** tab on the **Advanced settings** window
Now Left click the OK tab on the UAMS Wireless Network Properties window.

You should see the Additional information is needed... popup appear.

Left click on the popup.

Enter the following information in the Windows Security – Network Authentication window.

**DO NOT ENTER UAMS/ before the User name**

User name: Your UAMS domain login - lastfirstm

Password: Your UAMS domain password

Now Left click the Wireless network Icon located in the systray.

In the UAMS network tab you will see Connected

You are now connected to the UAMS Wireless Network.