

Connecting to the UUHSC Network using Windows Zero-Config with PEAP

Pre-configuration Step:

1. Import the University of Utah Root CA Certificate. This certificate is available for download at <http://uuhsc.utah.edu/its/infosec/wireless>.

Step 1 – Configure Network:

1. Right-click your Wireless Network Connection Icon, then select **View Available Wireless Networks**. This icon is usually found in the windows taskbar near the clock.
2. Select **Change advanced settings** from the Related Tasks sidebar.
3. Select the **Wireless Networks** tab. Verify that **Use Windows to configure my wireless network settings** is checked.
4. Click the **Add** button. Enter *uuhsc* as the **Network name (SSID)**:
5. Select **WPA** and **TKIP** or, if available, **WPA2** and **AES** as the **Network Authentication** and **Data Encryption** modes, respectively
6. Select the **Authentication** tab to proceed to the next step.

Step 2 – Configure Authentication Method:

1. Select **Protected EAP (PEAP)** from the **EAP type** drop-down menu. Uncheck **Authenticate as computer when computer information is available**.
2. Click **Properties**. Check the box next to *University of Utah Internal Server CA* on the list of **Trusted Root Certification Authorities**
3. If you log into your device using your HSC network unid and password or a valid HSC generic account, **Skip Instruction 4**.
4. Select the **Configure** button. Uncheck **Automatically use my Windows logon name and password**. Click **OK**.
5. Click **OK** through the open windows to finish this step.

Step 3 – Verify Connectivity:

1. After closing the open windows, some balloon notifications will appear on your taskbar.
2. If a balloon will be labeled **Click here to select a certificate or other credentials for connection to the network uuhsc** appears, click on the balloon then enter your HSC unid and password in the **User name** and **Password** lines. Enter *hsc.utah.edu* on the **Logon domain** line. Click **OK** to proceed.
3. A balloon will appear labeled **Click here to process your logon information for the network uuhsc**. Click the balloon, then a Validate Server Certificate window will appear. Click **View Server Certificate**. Verify that the server certificate is issued to *radius3.med.utah.edu* or *radius4.med.utah.edu*. Click **OK** after

verifying the certificate information. Click **OK** again to authorize the connection.

4. A balloon will appear on the taskbar notifying you that the **Wireless Network Connection is now connected**. You have successfully configured Windows Zero-Config with PEAP to connect to the uuhsc wireless network.

Troubleshooting:

Windows Zero-Config does not offer exceptional troubleshooting information. There are a few settings the user will be able to verify if the connection does not work. If the connection does not appear to work, double click the Wireless Network Connection Icon to view a status window.

- The **Status:** line reads "Authentication Failed"
 1. Verify coverage. Make sure the uuhsc network is available in the area.
 2. Verify that you have entered your correct username and password. This username and password must be the unid of the user used with the HSC network password or authentication will fail.
 3. Verify that the date and time on the device are correct. An incorrect date and time can result in a failed authentication.
 4. Very poor wireless coverage can result in a failed authentication. The status window will show the observed signal levels in the area you are attempting to connect in.
- The **Status:** line reads "Attempting to Authenticate" but never changes.
 1. Make sure that the pre-configuration step of loading certificates has been completed. You **MUST** import the VeriSign intermediate certificate or authentication will not work.

Contact the HSC Helpdesk at 587-6000 with further problems or questions