Connecting to the Private HMS Wireless Network Using Windows Vista

Overview: Harvard Medical School (HMS) provides encrypted wireless connection to the World Wide Web through the use of the private HMS wireless network for those residing in Vanderbilt Hall who have an eCommons/MyCourses account.

Special Consideration:

- This document has been tested using Windows Vista.
- It is advised that you allow Windows operating system to control the connection of wireless networks as opposed to using the manufacturer's or a third-party software to control wireless network connections.

Step-by-Step Configuration Instructions

Step 1: Go to Start>Network and click on Network. The Network window will open.

Step 2: Click on “This computer is not connected to a network. Click to connect...”. Highlight Connect to a network. The Connect to a network window will open. If Windows cannot find any networks, do the following steps.
Step 2a: Click on the link, Setup a connection or network. In the Connect to a network window, highlight Manually connect to a wireless network: choose this to connect to a hidden network or create a wireless profile. Click Next.
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**Step 2b:** Enter the following information in the text boxes:

**Network Name:** *HMS Private*

**Security Type:** *WPA2-Enterprise*

**Encryption Type:** *TKIP*

Enable *Start this connection automatically*

![Manual connection to a wireless network](image)

Then, click **Next**. The HMS Private profile should now be added successfully.

**Step 2c:** Click on **Connect to...Open the “Connect to network dialogue” so I can connect.** In the **Network and Sharing Center**, click on the link **Manage wireless networks** in the left column.
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Step 3: Double click on the **HMS Private** network in the window. In the **HMS Private Wireless Properties** window click on the tab, **Security**.

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Step 4: Make sure it states the following information:

Security Type: **WPA2-Enterprise**

Encryption Type: **TKIP**

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

Check *Cache user information for subsequent connections to this network*

Then, click on the button, **Settings...**

Step 5: Enable and enter the following information in the **Protected EAP Properties** window:

Check **Validate server certificate**.

Check **Connect to these servers: itcas01.med.harvard.edu; itcas02.med.harvard.edu**

Check **Equifax Secure Certificate Authority** in the Trusted Root Certification Authorities:

Choose **Secured password (EAP-MSCHAP v2)** in Select Authentication Method:

Check **Enable Fast Reconnect**.

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**Step 6:** Click on the **Configure...** button. Uncheck **When connecting: Automatically use my Windows logon name and password (and domain if any).** Click the button, **OK.** Click **OK** again in the **Protected EAP Properties** window. Click **OK** in the **HMS Private Wireless Network properties** window.

**Step 7:** Open up the **Network** window by going to **Start>Network.** Click on the **Network and Sharing Center** link at the top of the window. Then, click on the link **Connect to a network** in the left column.
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**Step 8:** Highlight **HMS Private** at the top of the list, and click the button, **Connect.**

![Select a network to connect to](image)

**Step 9:** Enter your credentials (i.e., MyCourses/eCommons username and case-sensitive password, **MED** domain) if you are prompted with the following window:

![Additional log on information is required](image)

**Step 10:** Successful connection to the private HMS wireless network will show a window similar to the one below:

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Trouble Shooting Issues:

1. Power on the wireless radio if you are prompted with the following window:
2. The **Connect to Network** window should detect all wireless networks in the location you are currently situated. If not, refresh the list by clicking the double arrow. Or move to another location that has a stronger access point signal.

3. Open the **Network and Sharing Center** to check your configuration settings again by clicking on the **Manage wireless networks** link in the left column.

4. Click on **Connecting to a network** to retry entering your correct credentials. Often, many enter incorrect case-sensitive passwords, or the Caps are locked on a keyboard.