Wireless @ Johns Hopkins

Wireless Configuration Guide:
Windows Vista

Additional hopkins wireless network instructions and requirements for Windows 8, 7, XP, Mac OS X, Linux, and Mobile versions can be found at:
http://www.it.johnshopkins.edu/services/network/wireless/

The Johns Hopkins Institutions offer the hopkins wireless network to faculty, staff, students, or anyone with a valid JHED ID. The hopkins wireless network utilizes WiFi Protected Access (WPA2) with 256-bit Advanced Encryption Standard (AES), to provide a high level of security and access.

Requirements for Windows Vista:

1. The network card must support the 802.11b and/or 802.11g protocol(s) as well as support WiFi Protected Access (WPA2-Enterprise).
2. You must have the current drivers for your network card which are usually available from the PC vendor's web site.
3. Microsoft System Center Endpoint Protection (SCEP) must be installed. It is free for Hopkins affiliates, and can be downloaded at http://it.johnshopkins.edu/antivirus/.

How do I find out my JHED account information?

The following steps will allow you to activate your JHED ID. You will need access to a wired (ethernet) connection.

Step 1: Open a web browser and go to http://my.johnshopkins.edu.
Step 2: Click the First Time JHED User link.
Step 3: Follow the instructions on the login page to find out your Login ID and to set your password.

JHED account and Active Directory credentials should be the same except for some grandfathered accounts. If you have issues with signing in when asked for your User ID and password, please contact the Help Desk, (410) 955-HELP, to correct the issue.
How to configure “hopkins” wireless for Windows Vista:

Step 1: Click on the Start ICON.

Click on Network from the menu.

Step 2: Select Network and Sharing Center.
Step 3: Select Manage wireless networks.

Add a new wireless network:

Step 4: Click Add.
Step 5: Select Manually create a network profile.

Step 6: For Network name, enter hopkins. For Security type, select WPA2-Enterprise. For Encryption type, select AES. Click the Next button.
Step 7: Select Change connection settings.

Step 8: Make sure the first box is checked. Select the Security tab at top.
Step 9: For Security type, select **WPA2-Enterprise**. For Encryption type, select **AES**. Choose **PEAP** for authentication method. Uncheck the box for “Cache user information.” Click on **Settings**…
Step 10: Uncheck any boxes that are checked below in “Trusted Root Certification Authorities,” then uncheck “Validate Server Certificate.” Select “Secured password EAP-MSCHAPV2.” Check “Enable Fast Reconnect.” Click on Configure…

Step 11: Uncheck the box next to “Automatically use my Windows logon” Click OK.
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Click OK on Protected EAP properties box.
Click OK on hopkins wireless network properties.
Go to main desktop

Step 12: Click on the Additional information is required to connect to hopkins.

![Additional information is required to connect to hopkins.
Click to provide additional information and connect](image)

Step 13: For **User name**, enter your **JHED_ID**.
For **Password**, enter your **JHED password**.
For **Logon domain**, enter **WIN**.

Note: You may also be prompted to choose a location for this network.

![Enter Credentials](image)

You are now on the network!
Where do I get additional help?

Technical Assistance (walk-up)
Garland Hall Basement
Monday - Friday 8:00 AM - 4:30 PM

Contact the Support Center at:
(410)955-HELP [(410)955-4357] Johns Hopkins East Baltimore
(410)516-HELP [(410)516-4357] Johns Hopkins Homewood Campus