Wireless @ Johns Hopkins

Wireless Configuration Guide:

Windows 7

Additional hopkins wireless network instructions and requirements for Windows XP, Vista, 8, Mac OS X, Linux, and other 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 7:

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 7:

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.

Step 4: Click Add.
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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.
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**Step 7:** Select Change connection settings.

![Change connection settings](image)

**Step 8:** Make sure the first box is **checked**. Select the **Security** tab at top.
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**Step 9:** For **Security type**, select **WPA2-Enterprise**. For **Encryption type**, select **AES**. Choose **PEAP** for **authentication method**. Check the box for “Remember my credentials.” Click on **Settings…**
Step 10: Uncheck any boxes 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. Click OK on Protected EAP properties box.
Step 12: Back on the “hopkins wireless network properties” window, click on Advanced settings…
Step 13: Check the first box “Specify authentication mode.” Then choose the “User authentication” option. Then click on Save credentials…

Step 14: Enter WIN[your JHED ID] and password.
Step 15: Click OK three times to save all the settings. Go to main desktop

Step 16: You should connect automatically. If not, click the wireless icon on the task bar and Connect to the “hopkins” network.

Step 17: You can check your connection status on the task bar.
You are now on the network!

**JHARS Registration Required for First-Time Users:**

**Step 18:** Open a new web browser window. If this is your FIRST time connecting this device to a wireless network at Johns Hopkins, you will be directed to our JHARS registration website. If you are not redirected, please type [http://jhars.nts.jhu.edu](http://jhars.nts.jhu.edu). Click Log On to continue.

**Step 19:** You may be prompted by a certificate warning, depending on what version and type of web browser you are using. Please click Continue to this website.
Step 20: Enter your JHED logon credentials and click **Login** to access the registration process.
Step 21: Click on DYNAMIC IP to register.
Step 22: Click **Confirm** to conclude and submit the request.
Step 23: Please Reboot to conclude the registration process.
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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