Wireless @ Johns Hopkins

Wireless Configuration Guide:

Windows Vista

Additional “hopkins” wireless network instructions and requirements for Windows 7, XP, Mac OS X, and Linux 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 the 256-bit Advanced Encryption Standard (AES), and Microsoft's Internet Authentication Service (IAS) for authentication, to provide a higher level of security and access.

Requirements for Windows Vista:

1. The network card you purchase must support the 802.11b and/or 802.11g protocol(s) as well as support WiFi Protected Access (WPA).
2. You must have the current drivers for your network card which are usually available from the PC vendor's web site.
3. Symantec Antivirus 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**.

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

Step 6: For Network name, enter hopkins. For Security type, select WPA-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 **WPA-Enterprise**. For **Encryption type**, select **AES**. Choose **PEAP** for **authentication method**. Uncheck the box for “Cache user information.” Click on **Settings**…

Step 11: Uncheck the box next to “Automatically use my Windows logon” Click OK.
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.](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!**
JHARS Registration Required for **First-Time Users:**

**Step 14:** 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 15:** 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 16: Enter your JHED logon credentials and click **Login** to access the registration process.
Step 17: Click on **DYNAMIC IP** to register.
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Step 18: Click Confirm to conclude and submit the request.

Step 19: Reboot to complete the registration process.
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Where do I get additional help?

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<tr>
<th>Technical Assistance</th>
<th>Krieger Computer Lab</th>
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<tbody>
<tr>
<td>Garland Hall Basement</td>
<td>Krieger Hall Room 160</td>
</tr>
<tr>
<td>Hours M-F 8AM-5PM</td>
<td>Hours Sunday 10AM-Friday</td>
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<td>10PM, Saturday 10AM-10PM</td>
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</tbody>
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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