

# Wireless @ Johns Hopkins

## Wireless Configuration Guide:

### Windows 7

Additional “hopkins” wireless network instructions and requirements for Windows XP, Vista, Mac OS X, and Linux can be found at:

<http://www.it.johnshopkins.edu/services/networking/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 7:

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.

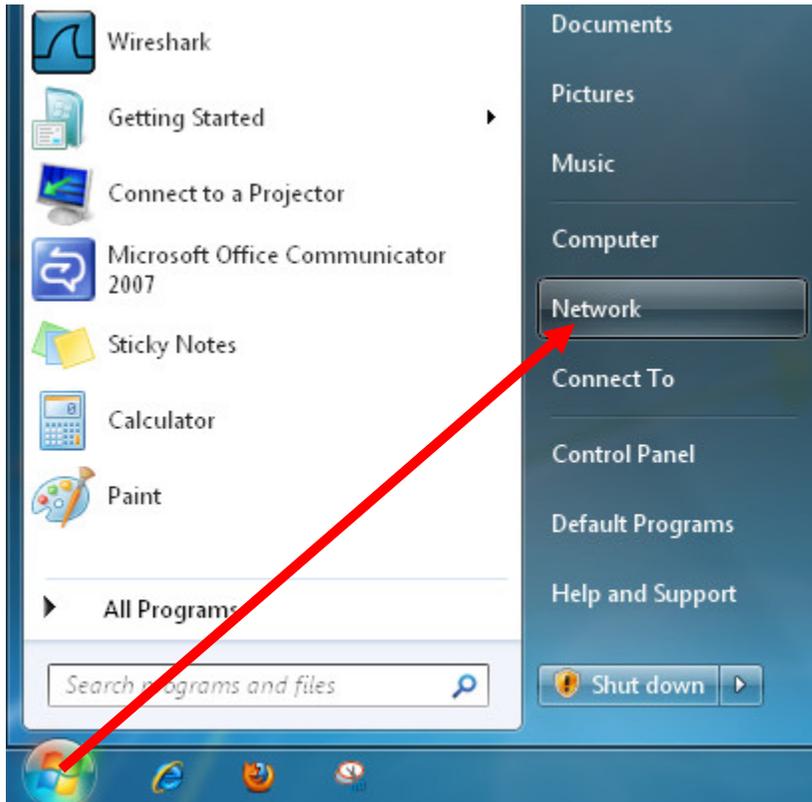
JHED account and Active Directory credentials should be the same except for some grandfathered accounts. If you have issues with signing in when asked for your User ID and password, please contact the Help Desk, (410) 955-HELP, to correct the issue.

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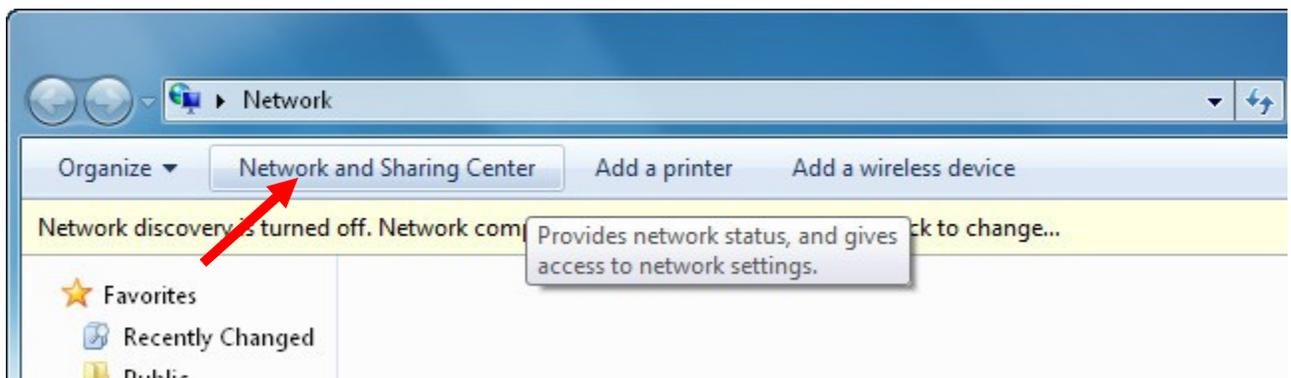
### How to configure “hopkins” wireless for Windows 7:

**Step 1:** Click on the Start ICON .

Click on **Network** from the menu.

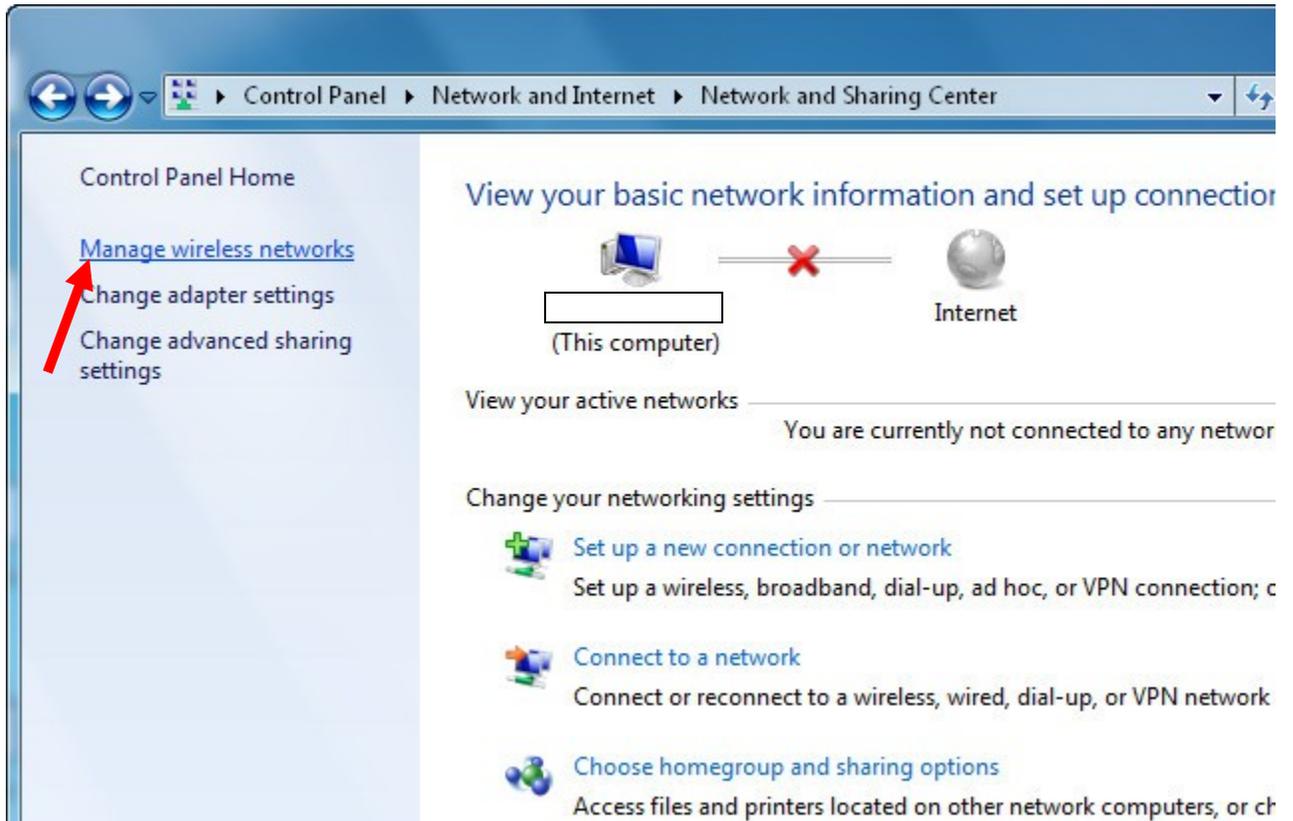


**Step 2:** Select **Network and Sharing Center**.

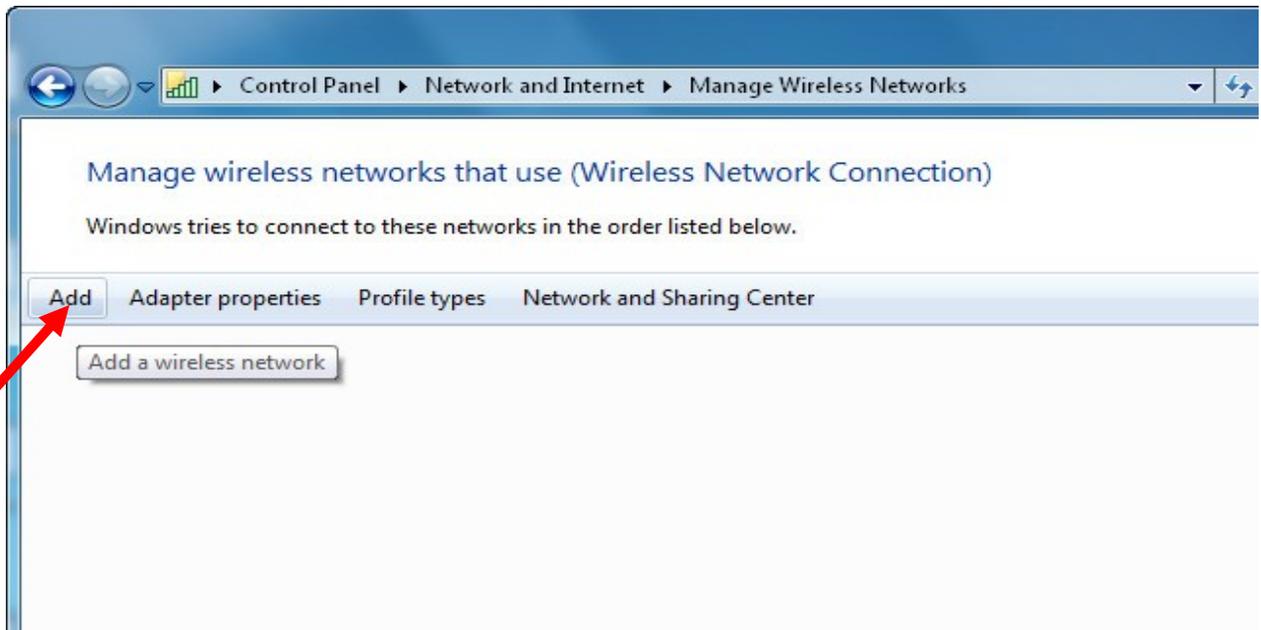


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**Step 3:** Select **Manage wireless networks**.

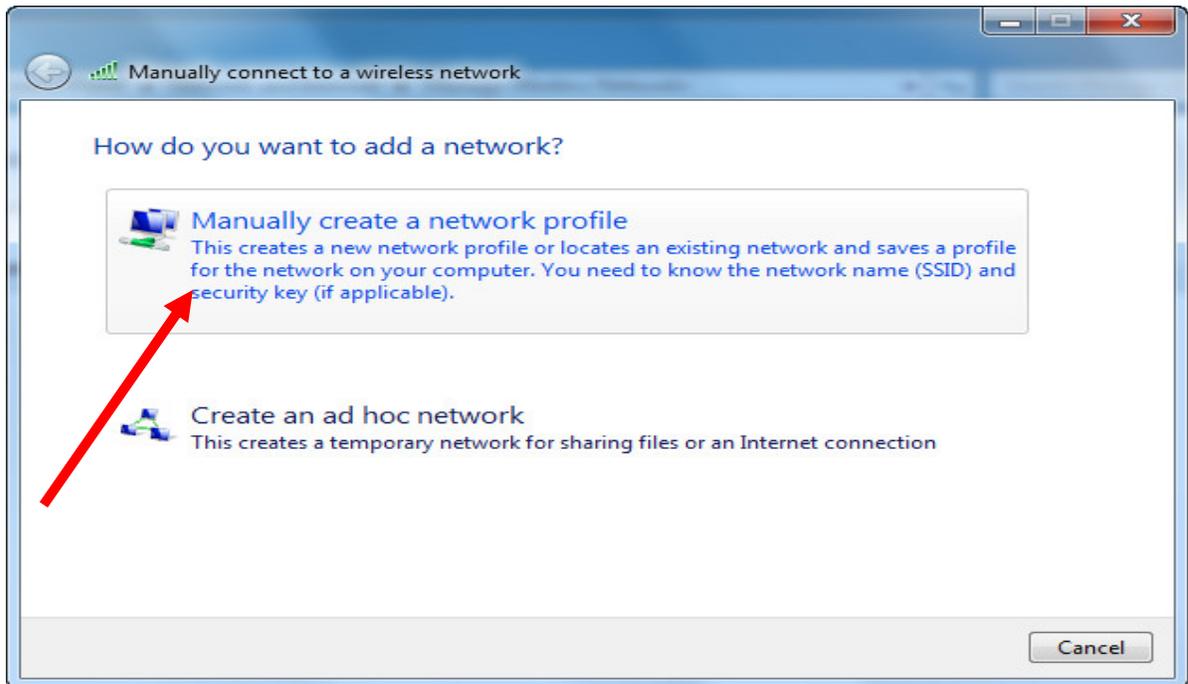


**Step 4:** Click **Add**.

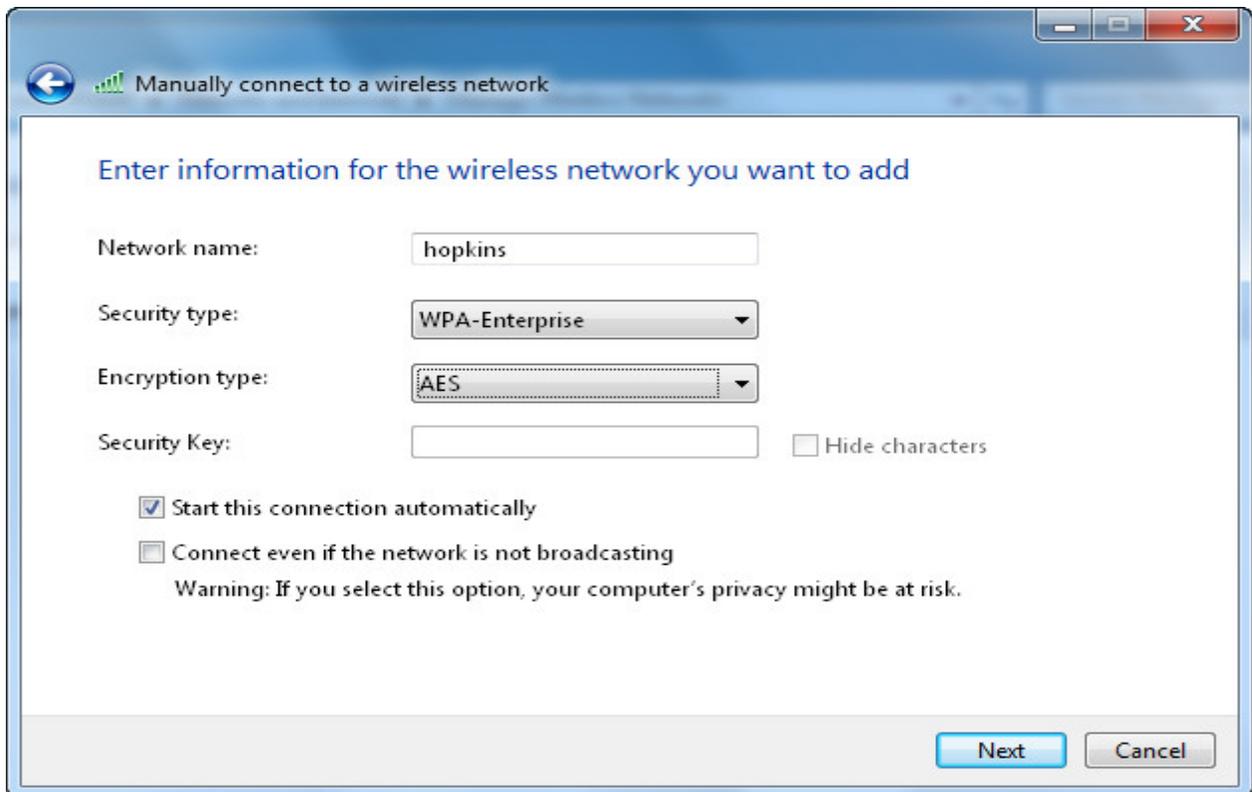


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**Step 5:** Select **Manually create a network profile**.



**Step 6:** For **Network name**, enter **hopkins**. For **Security type**, select **WPA-Enterprise**. For **Encryption type**, select **AES**. Click the **Next** button.

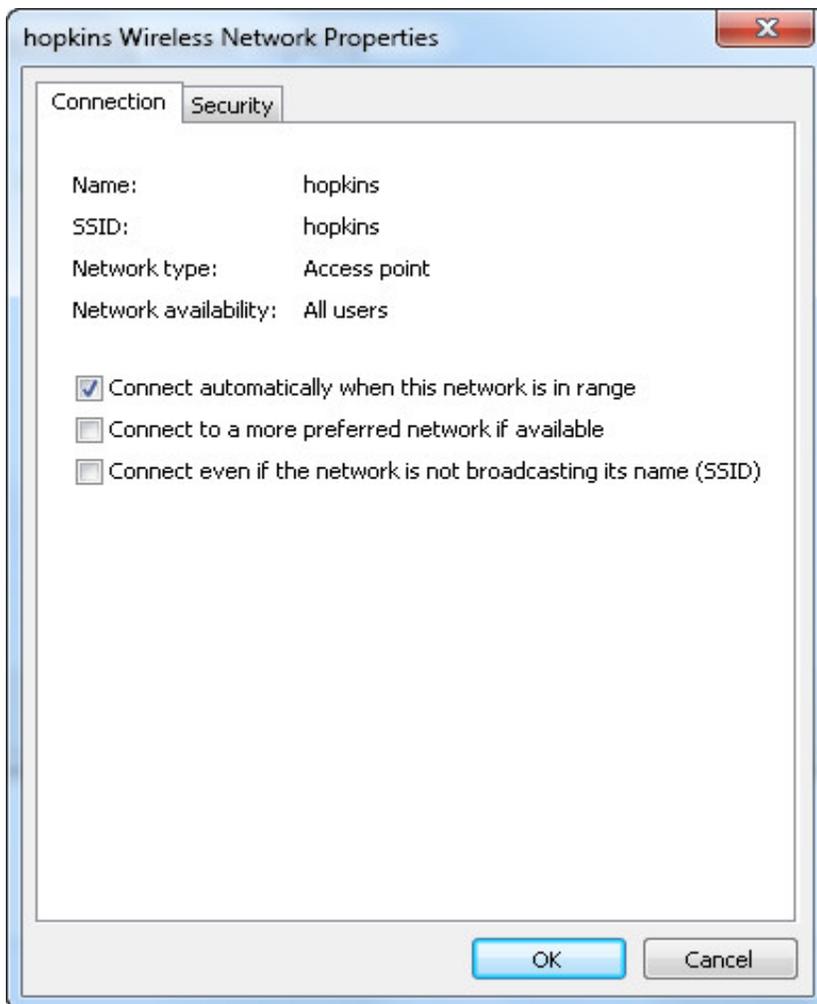


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**Step 7:** Select **Change connection settings**.

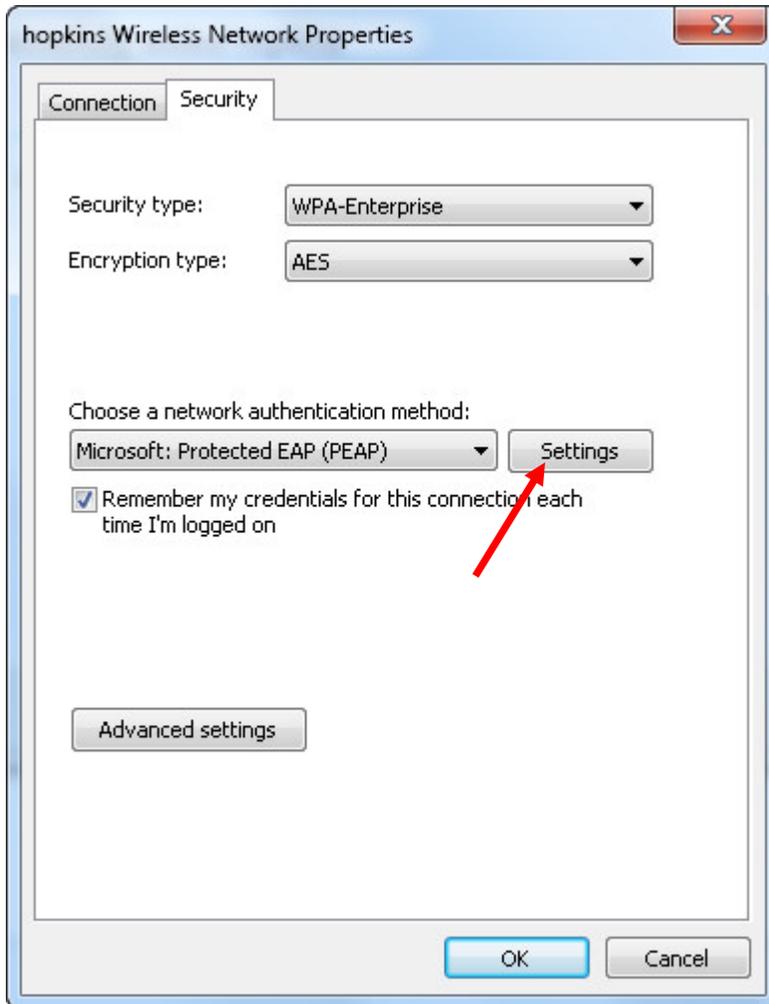


**Step 8:** Make sure the first box is **checked**. Select the **Security** tab at top.



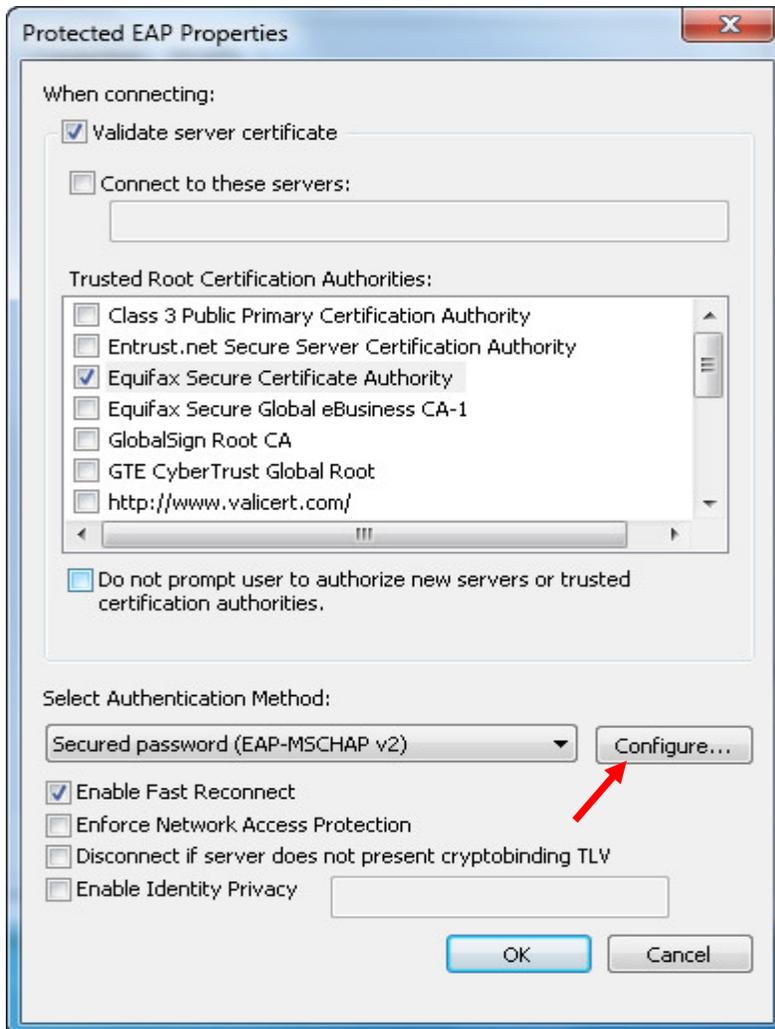
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**Step 9:** For **Security type**, select **WPA-Enterprise**. For **Encryption type**, select **AES**. Choose **PEAP** for **authentication method**. Check the box for “Remember my credentials.” Click on **Settings...**



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**Step 10: Check “Validate Server Certificate.” Check “Equifax Secure Certificate Authority.” Select “Secured password EAP-MSCHAPV2.” Check “Enable Fast Reconnect.” Click on Configure...**

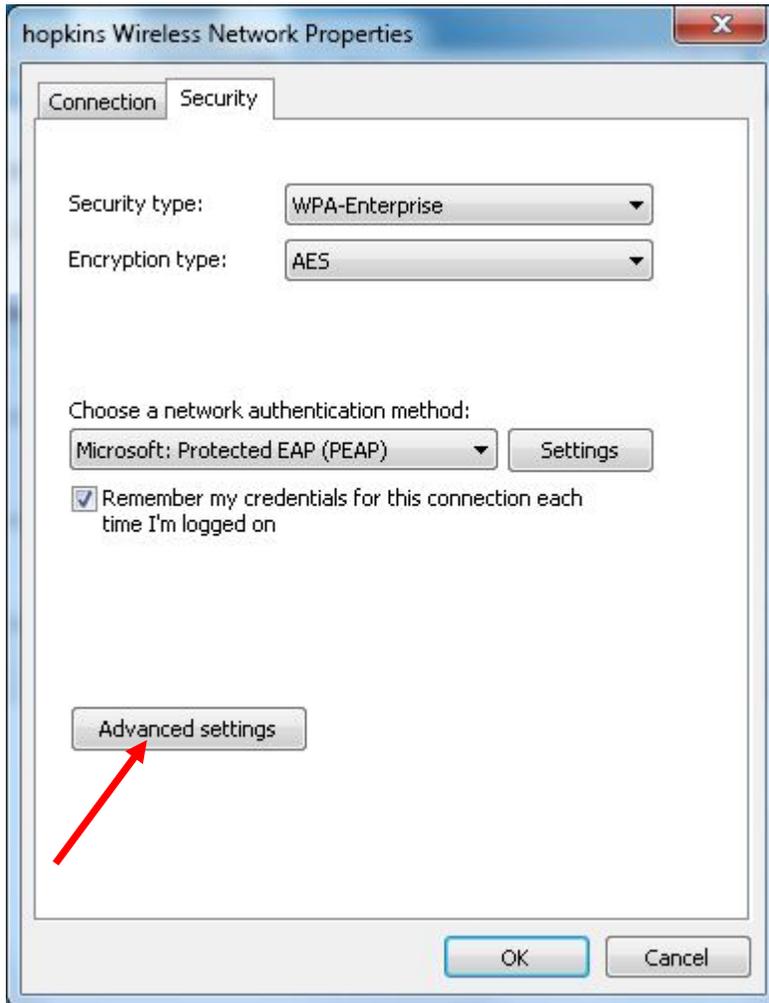


**Step 11: Uncheck the box next to “Automatically use my Windows logon” Click OK.** Click **OK** on Protected EAP properties box.



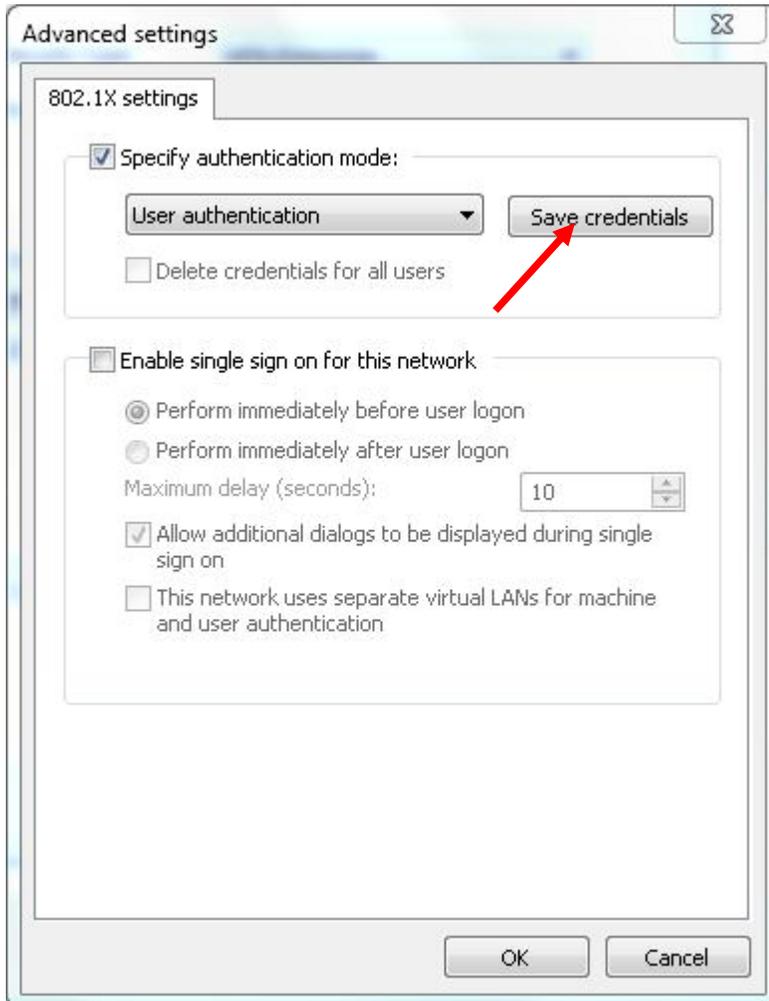
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**Step 12:** Back on the “hopkins wireless network properties” window, click on **Advanced settings...**

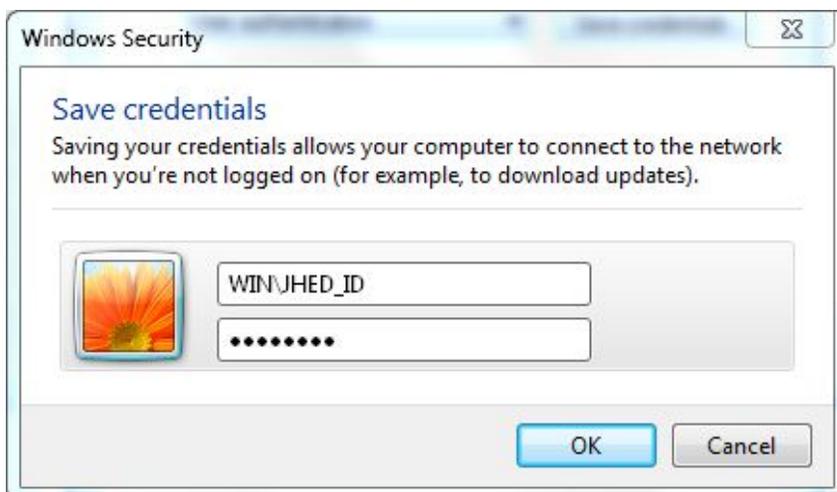


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**Step 13:** Check the first box “Specify authentication mode.” Then choose the “User authentication” option. Then click on **Save credentials...**



**Step 14:** Enter **WIN\[your JHED ID]** and **password**.



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**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.

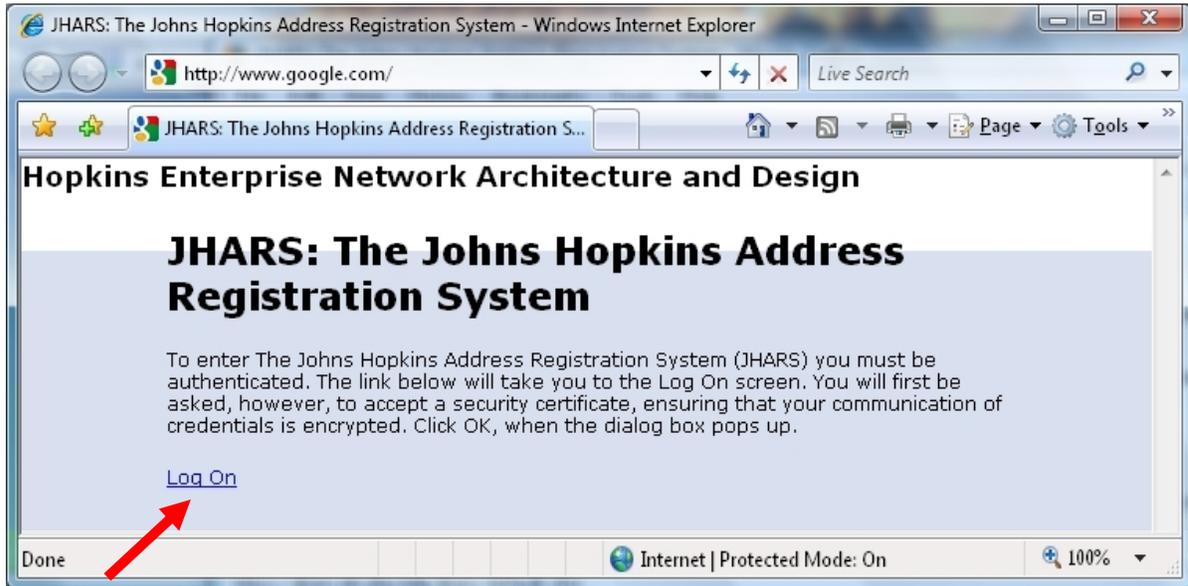


**You are now on the network!**

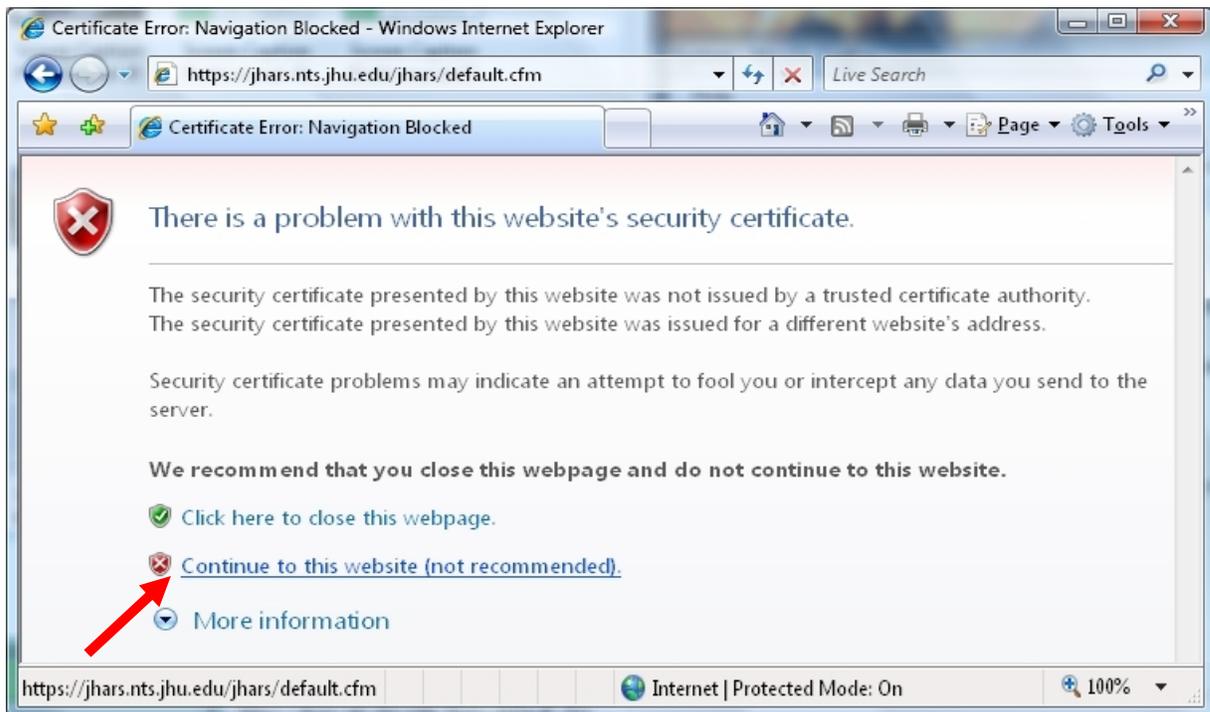
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### **JHARS Registration Required for First-Time Users:**

**Step 18:** Open a new web browser window. If this is your FIRST time connecting 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>. Click **Log On** to continue.

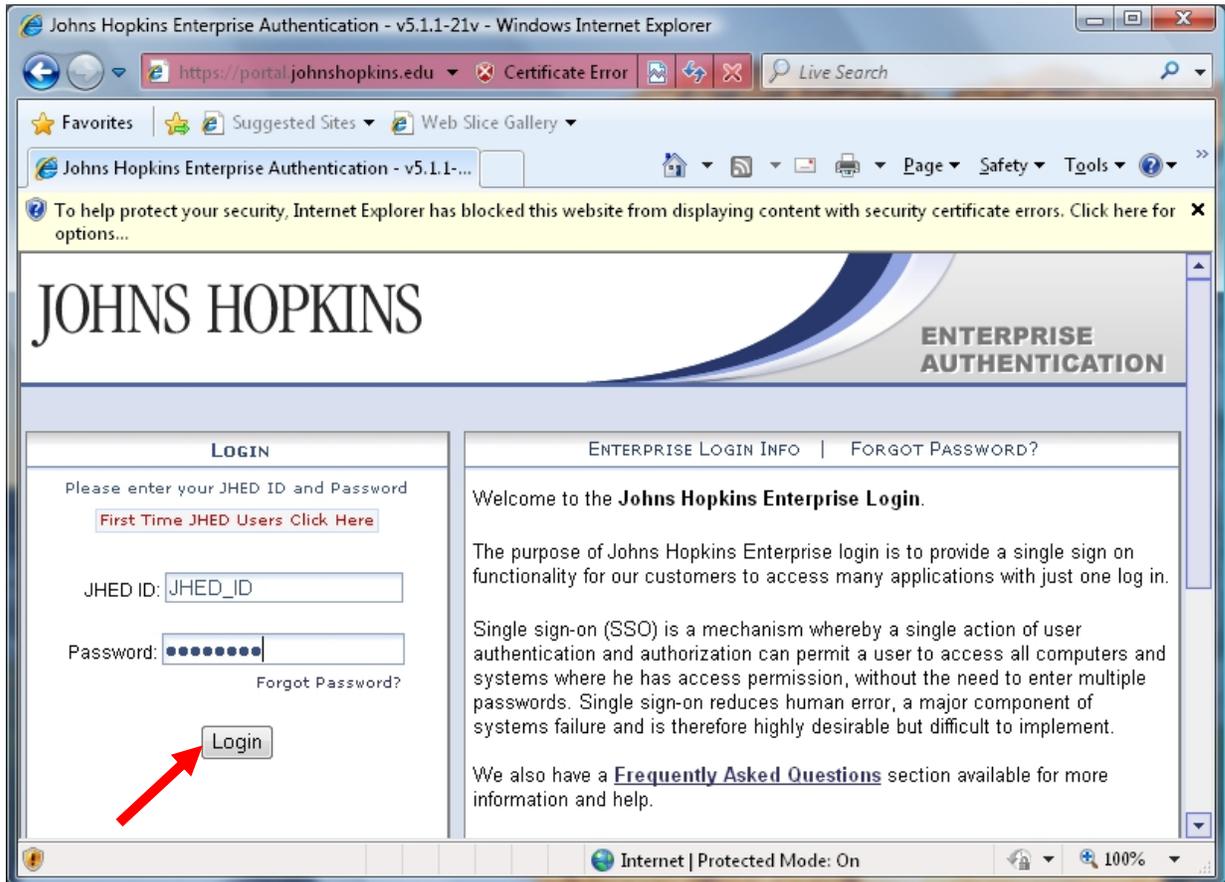


**Step 19:** You may be prompted by a certificate warning, depending on what version and type of web browser you are using. Please click **Continue to this website**.



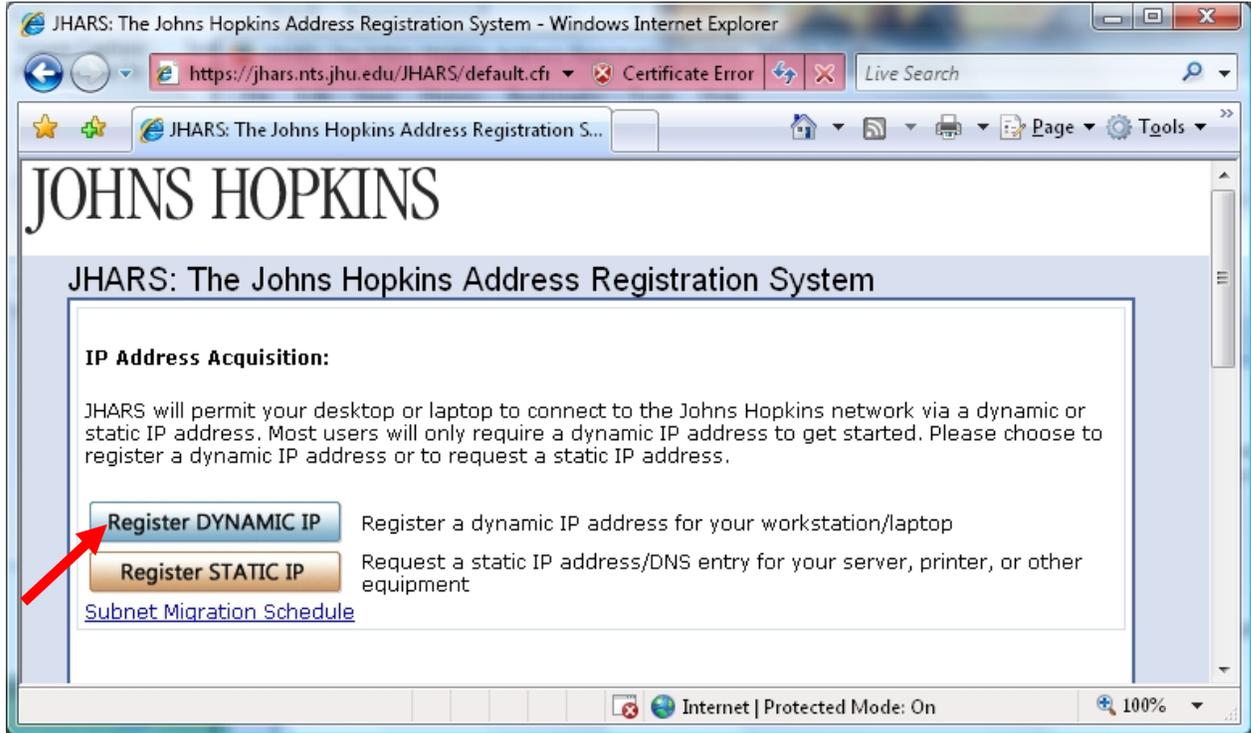
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**Step 20:** Enter your JHED logon credentials and click **Login** to access the registration process.

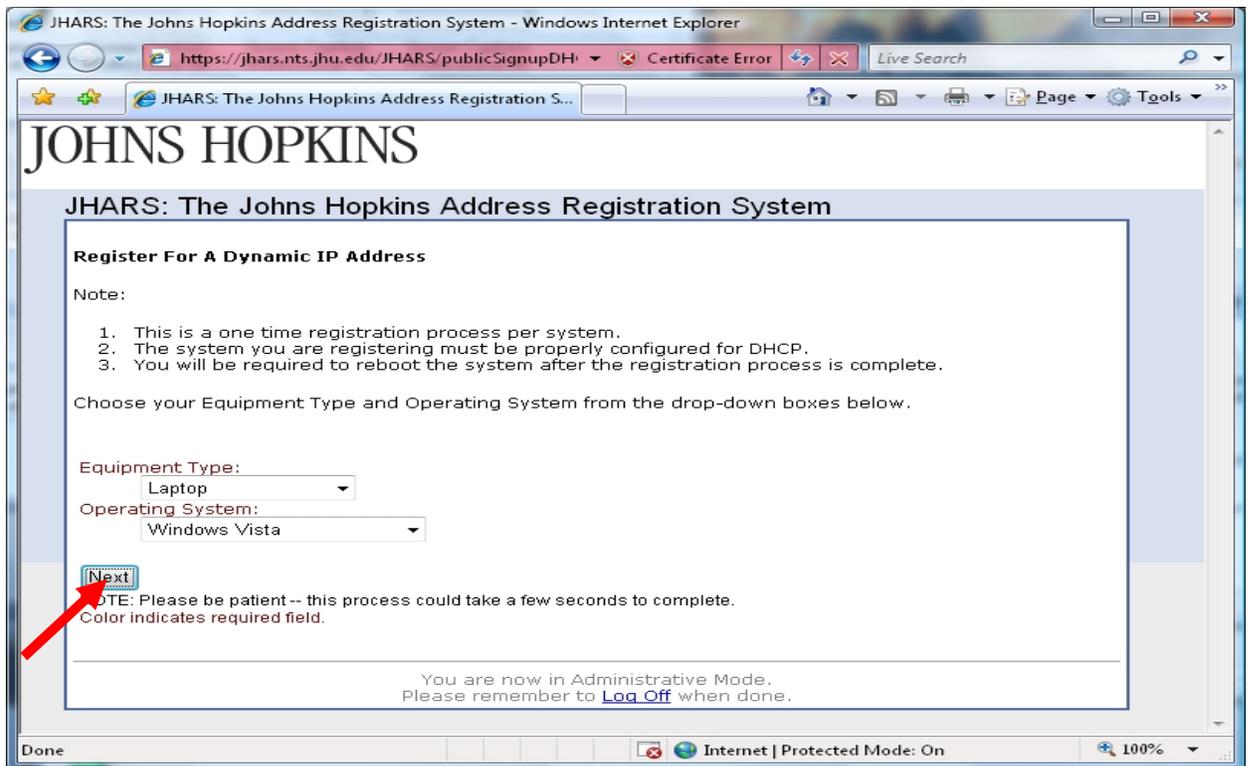


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**Step 21:** Click on **Register DYNAMIC IP**.

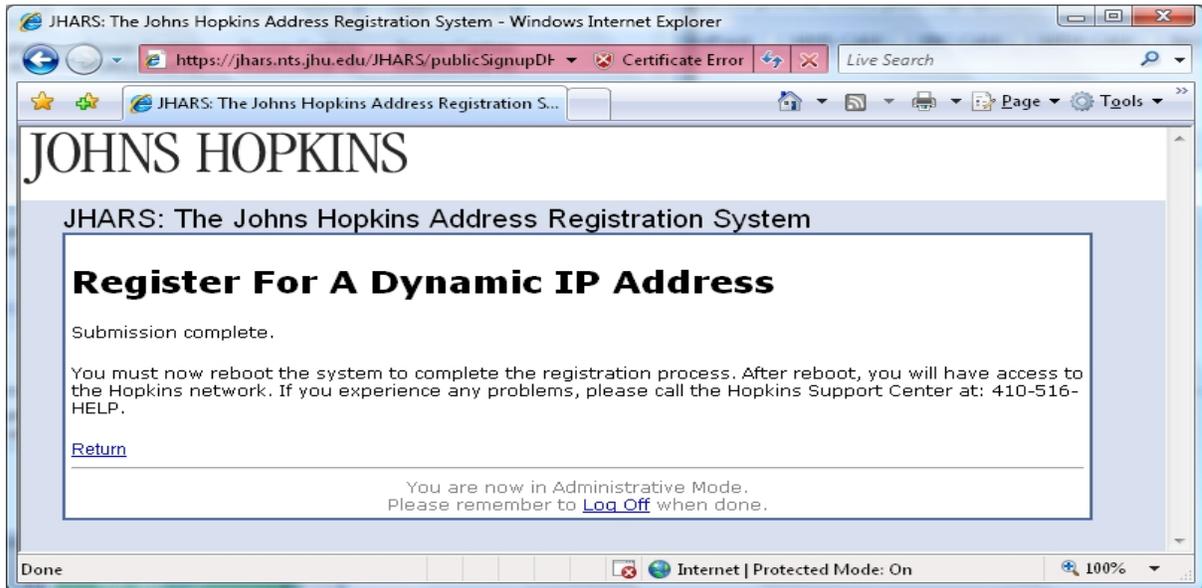


**Step 22:** Select your **Equipment Type and Operating System** and click **Next**.



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**Step 23:** Please **Reboot** to conclude the registration process.



### Where do I get additional help?

#### Technical Assistance

Garland Hall Basement  
Hours M-F 8AM-5PM

#### Krieger Computer Lab

Krieger Hall Room 160  
Hours Sunday 10AM-Friday  
10PM, Saturday 10AM-10PM

#### 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
(443)997-HELP [(443)997-4357]	Johns Hopkins Mount Washington