

Wireless @ Johns Hopkins

Wireless Install Guide:

Apple Macintosh OS X 10.5.X "LEOPARD"

NOTE: Users familiar with OS X Tiger will notice that the **Internet Connect** utility has been replaced with **Network Preferences**.

Additional **hopkins** wireless network instructions and requirements for Mac OS X Tiger, Windows Vista and Windows XP 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.

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.

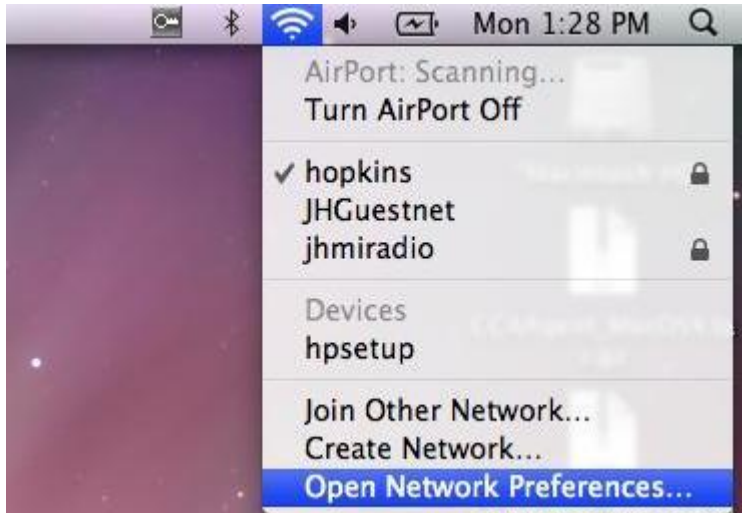
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JHED account and Active Directory credentials should be the same except for some grandfathered accounts. If you have issues with signing in when asked for your User ID and password, please contact the Help Desk, (410) 955-HELP, to correct the issue.

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How to configure “hopkins” for Macintosh OS X 10.5.x

Step 1: Go to the **Airport** menu and choose **Open Network Preferences**.

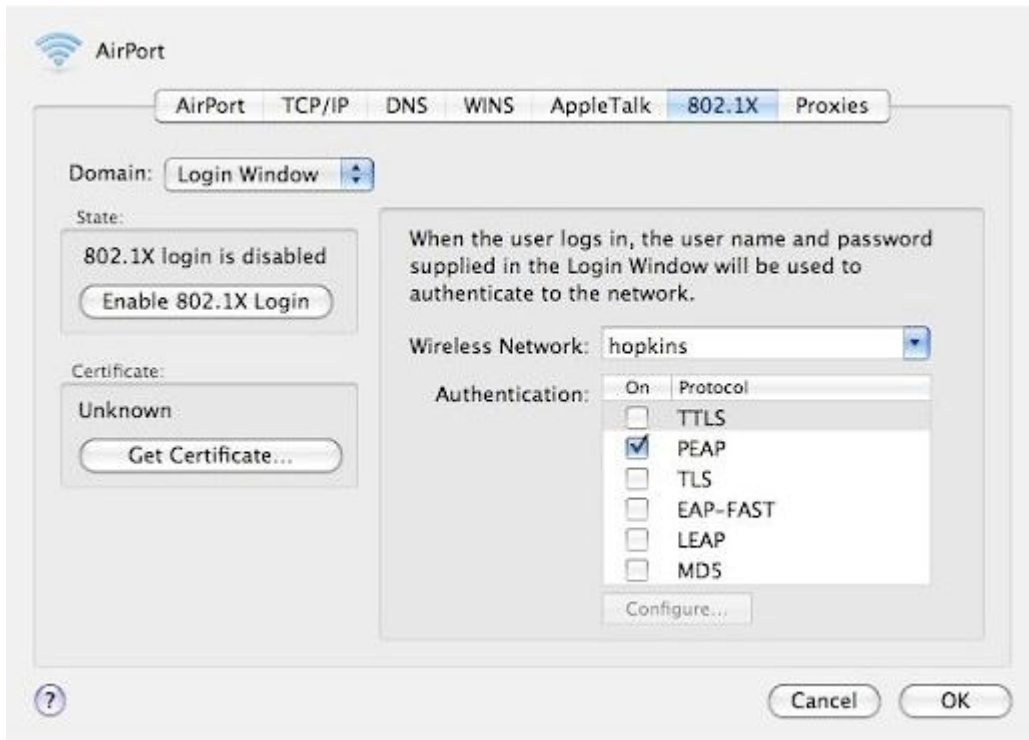


Step 2: Make sure **Airport** is selected and click on **Advanced**.



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Step 3: Select the **802.1X** tab on the top line. For the **Wireless Network** type **hopkins**. For **Authentication**, make sure ONLY **PEAP** is selected. Click **OK**.



Step 4: Click on **Airport** Icon and select '**hopkins**' network.



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Step 5: You will be prompted to accept our certificate. Click on **Show Certificate**.



Step 6: You must trust this certificate. Click on the arrow beside the certificate **Trust** settings to expand the option. When using this certificate select **Always Trust**.



NOTE: You will be prompted for your Mac OS X username and password. Then click **Continue**.

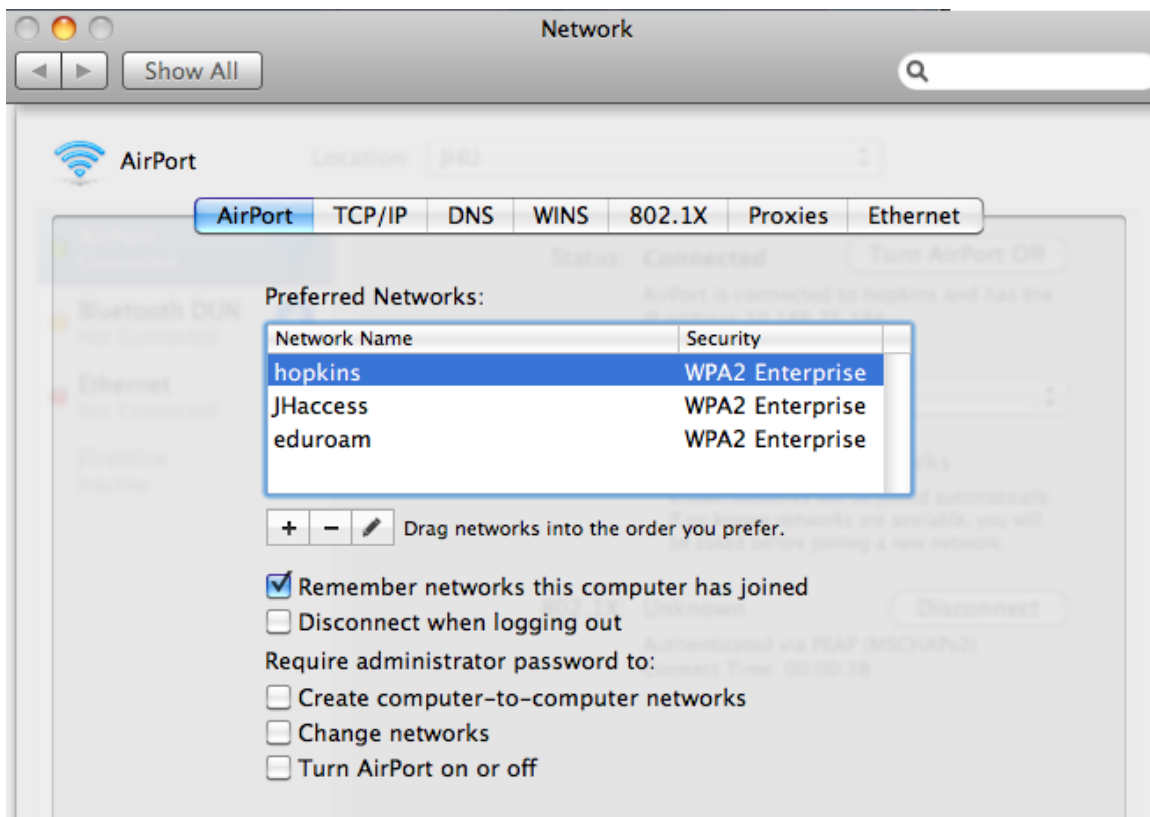
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Step 7: Enter your **JHED ID** and **password**.



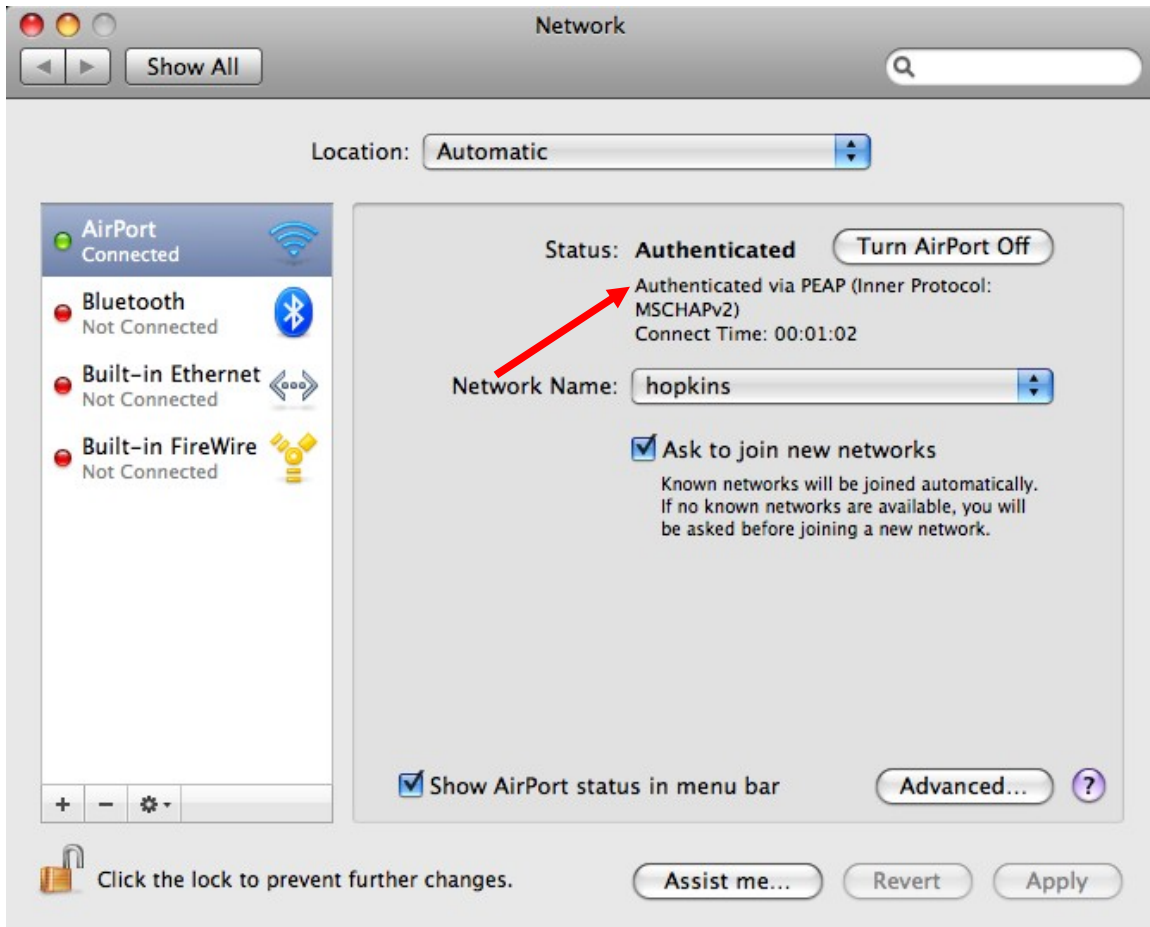
The image shows a macOS '802.1X Authentication' dialog box. It features a purple circular icon with a network symbol on the left. The title '802.1X Authentication' is at the top. Below the title, there are two input fields: 'User Name:' with 'JHED ID' entered, and 'Password:' with a masked password of eight dots. At the bottom right, there are 'Cancel' and 'OK' buttons.

Step 8: Verify that the 'hopkins' network appears only **ONE** time.



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Step 9: Verify the **Status** of the connection. You can also click the **Lock** icon to prevent further changes.



You are now on the network!

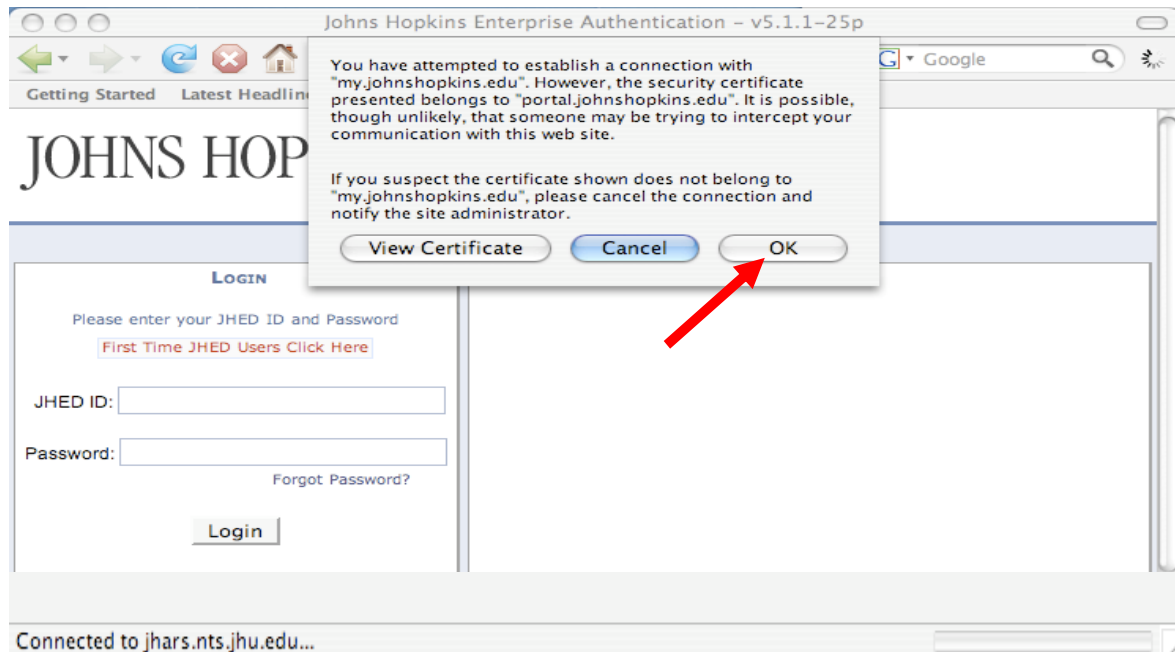
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JHARS Registration Required for First-Time Users:

Step 10: 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>. Click **Log On**.



You may be prompted by multiple certificate warnings. Click **OK** to accept the certificates.



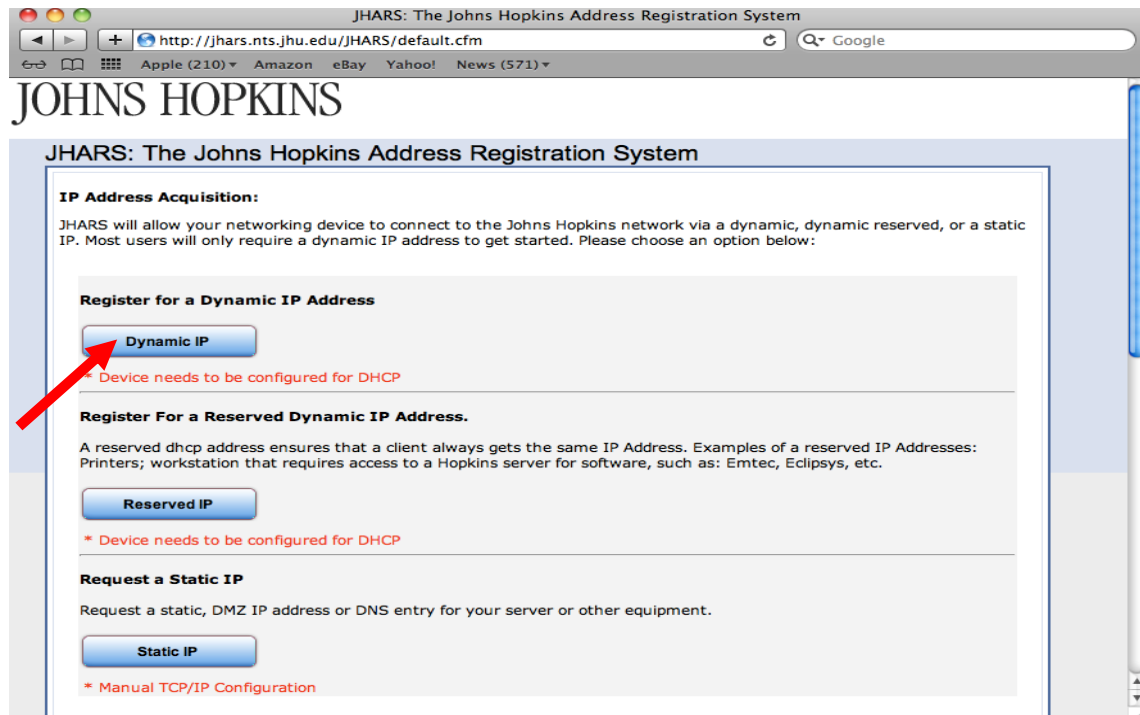
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Step 11: Enter your JHED credentials and Click **Login**.



The screenshot shows a web browser window titled "Johns Hopkins Enterprise Authentication - v5.1.1-21v". The address bar shows "https://portal.johnshopkins.edu/cgi-". The page features the Johns Hopkins logo and the text "ENTERPRISE AUTHENTICATION". Below the logo, there is a "LOGIN" section with the instruction "Please enter your JHED ID and Password". A link "First Time JHED Users Click Here" is provided. The "JHED ID:" field contains "JHED_ID" and the "Password:" field contains "*****". A "Forgot Password?" link is also present. A red arrow points to the "Login" button. To the right, there is an "ENTERPRISE LOGIN INFO" section with a "FORGOT PASSWORD?" link. The text in this section explains the purpose of the login and mentions Single sign-on (SSO). At the bottom, there is a "Done" button and the URL "portal.johnshopkins.edu".

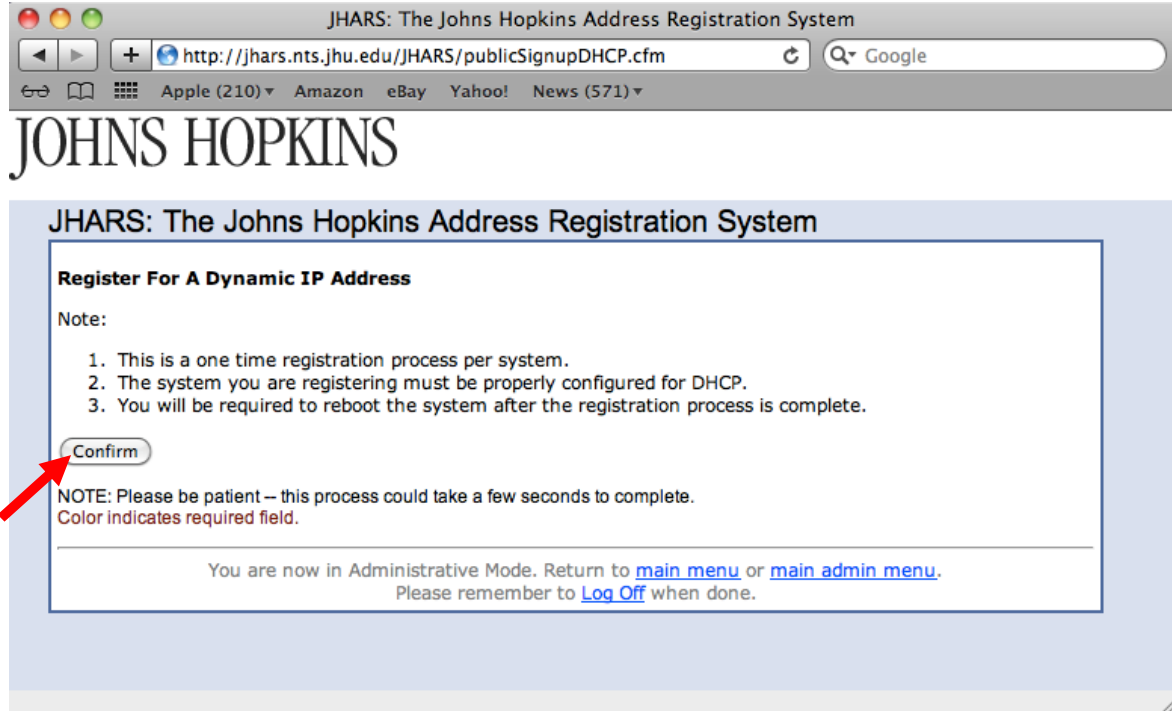
Step 12: Click **Dynamic IP** to register.



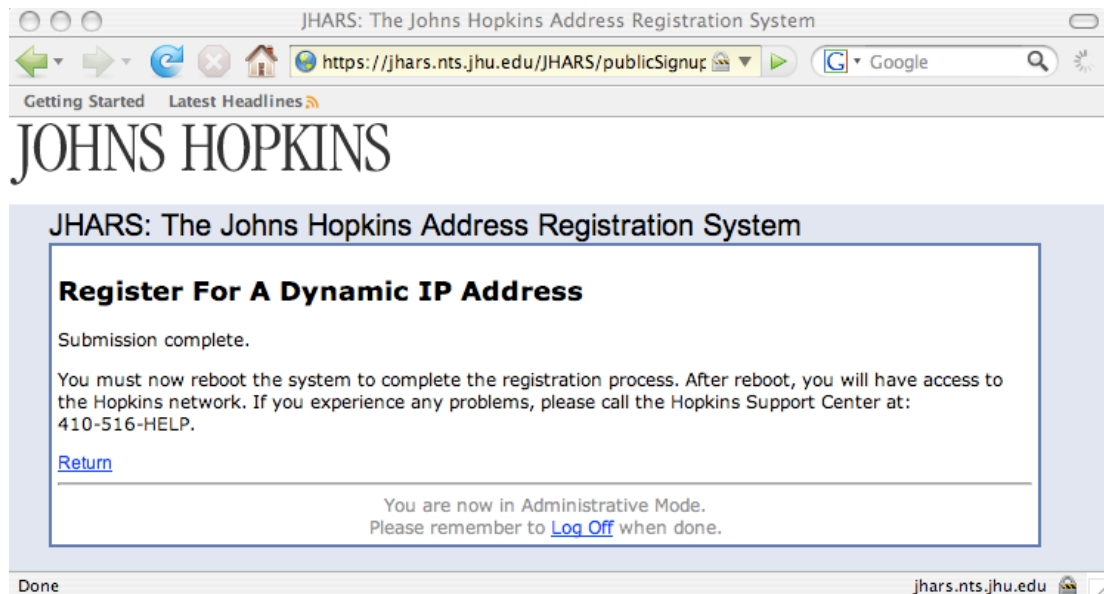
The screenshot shows a web browser window titled "JHARS: The Johns Hopkins Address Registration System". The address bar shows "http://jhars.nts.jhu.edu/JHARS/default.cfm". The page features the Johns Hopkins logo and the text "JHARS: The Johns Hopkins Address Registration System". Below the logo, there is a section titled "IP Address Acquisition:" with the text "JHARS will allow your networking device to connect to the Johns Hopkins network via a dynamic, dynamic reserved, or a static IP. Most users will only require a dynamic IP address to get started. Please choose an option below:". There are three options: "Register for a Dynamic IP Address", "Register For a Reserved Dynamic IP Address.", and "Request a Static IP". Each option has a corresponding button: "Dynamic IP", "Reserved IP", and "Static IP". A red arrow points to the "Dynamic IP" button. Below each button, there is a note: "Device needs to be configured for DHCP" for the Dynamic and Reserved options, and "Manual TCP/IP Configuration" for the Static option.

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Step 13: Click **Confirm** to conclude and submit the request.



Step 14: Reboot your system for settings to take effect.



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Where do I get additional help?

Homewood Campus:

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

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