'eduroam' Configuration Guide:MAC OS

Johns Hopkins has joined the eduroam (education roaming) federation. Membership allows campus community members at any participating institution to use wireless network services at any other participating institution with the simplicity and convenience of providing the login credentials issued to them by their home institution.

This means that Johns Hopkins students, faculty, and staff may visit member institutions domestically and abroad and use their JHED credentials to log into wireless. Additionally, anyone with a valid JHED_ID may access the wireless network here at Johns Hopkins. At JHU, the level of service provided by eduroam will be the same as the level of service provided by the hopkins wireless network.

You will need to use your credentials in this format:

Login: JHED_ID@jhu.edu Password: JHED password

To connect to eduroam at a visiting institution you will need the following information:

SSID (Network Name): eduroam TCP/IP: DHCP EAP Type: PEAP Network Authentication: **<visited institution authentication type>** Data Encryption: **<visited institution encryption type>** Authentication Method/Protocol: MSCHAP-v2 Trusted Root Certification Authorities: Comodo/AddTrust External Root CA Server name: freeradiuspilot.win.ad.jhu.edu

To connect to eduroam at Johns Hopkins you will need the following information:

SSID (Network Name): eduroam TCP/IP: DHCP EAP Type: PEAP Network Authentication: WPA2 Data Encryption: AES Authentication Method/Protocol: MSCHAP-v2 Trusted Root Certification Authorities: Comodo/AddTrust External Root CA Server name: freeradiuspilot.win.ad.jhu.edu

Please see below for illustrated instructions.

Connecting to "eduroam" at JHU:

Step 1: Click the wireless icon on the top right of the screen and select eduraom.



Step 2: A Network Authentication box will pop-up, requesting credentials. Enter your username (JHED_ID@jhu.edu), followed by your password.

The network "eduroam" requires a password.		
	User Name:	JHED_ID@jhu.edu
	Password:	
	802.1X:	Automatic
		🗹 Remember this network
		Cancel OK

Step 3: A Security Alert should pop-up for the server certificate. Click Continue.

000	Verify Certificate			
	Authenticating to network "eduroam" Before authenticating to server "freeradiuspilot.win.ad.jhu.edu", you should examine the server's certificate to ensure that it is appropriate for this network. To view the certificate, click 'Show Certificate'.			
Always trust "freeradiuspilot.win.ad.jhu.edu"				
AddTrust External CA Root				
🛏 📴 freeradiuspilot.win.ad.jhu.edu				
^				
Certificate	freeradiuspilot.win.ad.jhu.edu Issued by: COMODO SSL CA Expires: Tuesday, March 25, 2014 7:59:59 PM Eastern Daylight Time This certificate is valid			
Trust				
When using this certificate: Always Trust + ?				
Extensible Authentication (EAP) Always Trust +				
	X.509 Basic Policy Always Trust			
▶ Details				
?	Hide Certificate Cancel Continue			

You are now on the network!

Please see additional instruction below, if this is your first time connecting to a wireless network at Johns Hopkins.

JHARS Registration Required for First-Time Users:

Step 4: 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 <u>http://jhars.nts.jhu.edu</u>. Click **Log On** to continue.



Step 5: 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 6: Enter your JHED logon credentials and click **Login** to access the registration process.



Step 7: Click on DYNAMIC IP to register.

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JOHNS HOPKINS JHARS: The Johns Hopkins Address Registration System	
IP Address Acquisition: 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:	
Register for a Dynamic IP Address Dynamic IP * Device needs to be configured for DHCP Register For a Reserved Dynamic IP Address	
A reserved dhcp address ensures that a client always gets the same IP Address. Examples of a reserved IP Addresses: Printers; workstation that requires access to a Hopkins server for software, such as: Emtec, Eclipsys, etc.	
Reserved IP * Device needs to be configured for DHCP	
Request a Static IP Request a static, DMZ IP address or DNS entry for your server or other equipment. Static IP	
* Manual TCP/IP Configuration	×

Step 8: Click Confirm to conclude and submit the request.



Step 9: Please Reboot to conclude the registration process.



Where do I get additional help?

Technical Assistance (walk-up)

Garland Hall Basement Monday - Friday 8:00 AM - 4:30PM

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