‘eduroam’ Configuration Guide:

Windows 8

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@jh.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: InCommon/AddTrust External Root CA Server

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: InCommon/AddTrust External Root CA Server

Please see below for illustrated instructions.
Connecting to “eduroam” at JHU:

Step 1: Right click on the wireless icon (or network connection icon) at the bottom right of the screen and select Open Network and Sharing Center.

Step 2: Select Set up a new connection or network.
Step 3: Select **Manually connect to a wireless network**.
Step 4: Enter the following information:

![Manually connect to a wireless network dialog box](image)

- **Network name:** eduroam
- **Security type:** WPA2-Enterprise
- **Encryption type:** AES
- **Security Key:**

  - [ ] Start this connection automatically
  - [ ] Connect even if the network is not broadcasting

  Warning: If you select this option, your computer’s privacy might be at risk.

[Next] [Cancel]
Step 5: Select **Change connection settings**.

Successfully added eduroam

- **Change connection settings**
  
  Open the connection properties so that I can change the settings.
Step 6: Confirm the following selections, then click on Security.
Wireless @ Johns Hopkins

eduroam Wireless Network Properties

Connection

Name: eduroam
SSID: eduroam
Network type: Access point
Network availability: All users

- Connect automatically when this network is in range
- [ ] Look for other wireless networks while connected to this network
- [ ] Connect even if the network is not broadcasting its name (SSID)

OK Cancel
Step 7: Confirm the following selections, then click on Settings.
Step 8: Confirm selections below, then click **Configure**.

Step 9: Make sure the box is unchecked. Click **OK**.
Click through the remaining screens to return to the desktop.

**Step 10:** From the bottom right corner, click on the wireless icon, select **eduroam** and click **Connect**.

**Step 11:** The following box should appear. Enter your JHED credentials.
Step 12: You will see the following security pop-up. Click Connect.

Windows can't verify the server’s identity

If you're in an area where you'd expect to find this network, it's probably safe to connect. Otherwise, this might be a different network with the same name.
Wireless @ Johns Hopkins

You are now on the network!

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