

## Wireless @ Johns Hopkins

### 'eduroam' Configuration Guide:

### Ubuntu – 14.04.1 LTS Trusty Tahr

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: InCommon/AddTrust External Root CA  
Server name: freeradiuspilot.win.ad.jhu.edu

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

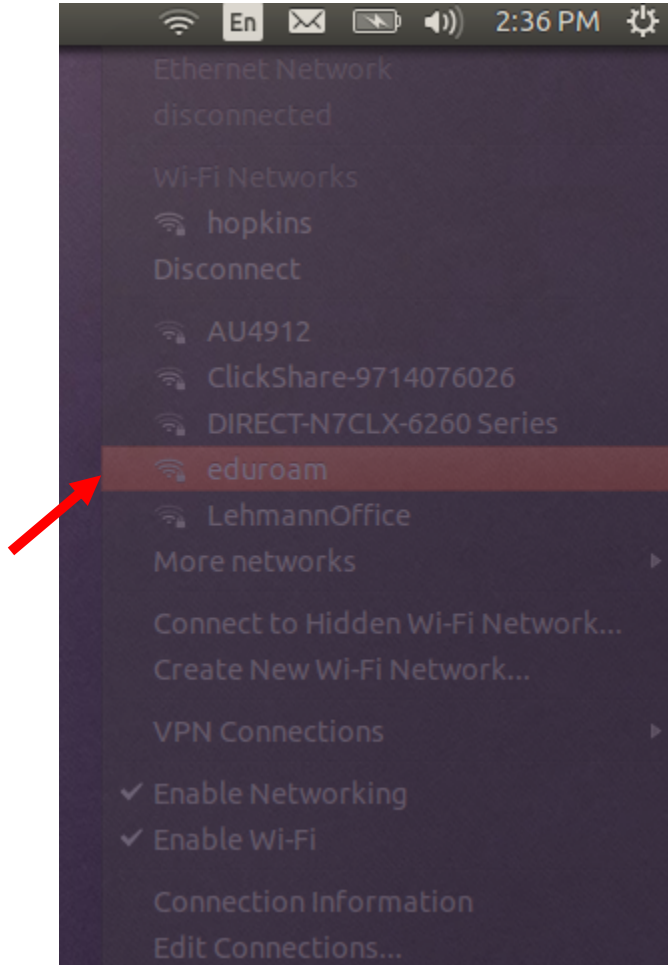
SSID (Network Name): eduroam  
TCP/IP: DHCP  
EAP Type: PEAP  
Network Authentication: WPA2  
Data Encryption: AES  
Authentication Method/Protocol: MSCHAP-v2  
Trusted Root Certification Authorities: InCommon/AddTrust External Root CA  
Server name: freeradiuspilot.win.ad.jhu.edu

Please see below for illustrated instructions.

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### Connecting to “eduroam” at JHU:

**Step 1:** If your system auto-populates a list of networks, select **eduroam**. If it does not, click the wireless icon and select **Create New Wi-Fi Network**.



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**Step 2:** Fill out the following, as seen below, then Click **Connect**:



**Wi-Fi Network Authentication Required**

**Authentication required by Wi-Fi network**

Passwords or encryption keys are required to access the Wi-Fi network 'eduroam'.

Authentication: Protected EAP (PEAP) ▼

Anonymous identity:

CA certificate: (None) 

PEAP version: Automatic ▼

Inner authentication: MSCHAPv2 ▼

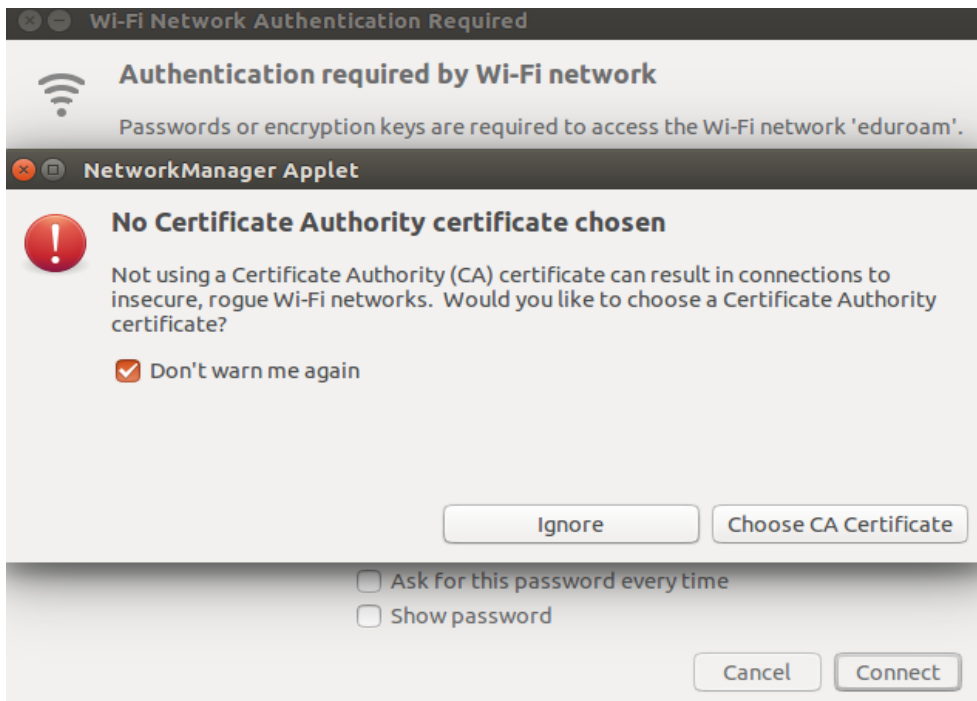
Username: JHED\_ID@jhu.edu

Password:

Ask for this password every time

Show password

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



**Wi-Fi Network Authentication Required**

**Authentication required by Wi-Fi network**

Passwords or encryption keys are required to access the Wi-Fi network 'eduroam'.

**NetworkManager Applet**

**No Certificate Authority certificate chosen**

Not using a Certificate Authority (CA) certificate can result in connections to insecure, rogue Wi-Fi networks. Would you like to choose a Certificate Authority certificate?

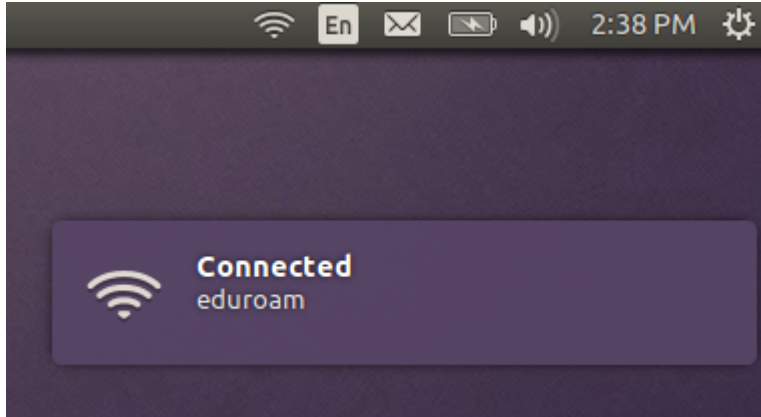
Don't warn me again

Ask for this password every time

Show password

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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

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