

# **WRC Wireless Network**

## **CorpSrv User's Guide**

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["Eduroam" Instructions](#)

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### **WRC Campus Wireless FAQ**

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**March 2017**

## **How do I connect my laptop, tablet, or smartphone?**

There are three SSIDs (Service Set Identifier) associated with the WRC wireless network to choose from:

- 1) NOAA\_Secure
- 2) eduroam
- 3) NOAA\_Guest

NOAA users should register or on-board (one-time) and regularly connect to either NOAA\_Secure or eduroam. Both connections apply IT security policies, encryption and authentication standards over and above commercial public wireless hotspots.

Note: CORPSRV laptops have additional security features placed on them that will require assistance to on-board them to NOAA\_Secure and eduroam. Please contact the NSDesk and submit a ticket to configure your laptop for the WRC campus WiFi.

NOAA\_Guest is an unencrypted, general purpose Wi-Fi service that requires a device to be registered and a NOAA sponsor's authorization in order to get out to the Internet. Connections are for a limited amount of time much like at a hotel wireless service.

### **What is eduroam?**

eduroam or education roaming is a secure, world-wide roaming access service developed for the education and international research community. It is mainly intended for use by any visiting academics that already have eduroam accounts or for other institutions that are members of the eduroam community such as NOAA.

# iPhone: "NOAA\_Secure" Setup Instructions



To configure NOAA\_Secure wireless, follow these steps: Go to **Settings > Wi-Fi >** and select the **NOAA-OnBoard** Wifi Network from the drop-down. (This SSID will become hidden at a later date and you will have to click Other and enter NOAA-OnBoard manually at that time. )



Please configure security and network settings on your device to allow secure access to the internet. Please follow the instructions listed below:

1. Install root certificate ([click here](#))
2. Login below using your NOAA NEMS (without @noaa.gov) credentials
3. Install the certificate when prompted
4. Go to your Wi-Fi settings and connect to SSID:

**NOAA\_Secure**

Register Your Device	
Username:	<input type="text" value="matt.smith"/>
Password:	<input type="password" value="....."/>
Terms:	<input checked="" type="checkbox"/> I accept the terms of use
<input type="button" value="Log In"/>	

Click [HERE](#) to view Detailed Wireless Instruction Guide

or Contact a staff member if you are experiencing difficulty logging in.

Open Safari and try to navigate to a webpage (or go to [https:// wireless.boulder.noaa.gov/onboard/ NOAA\\_OnBoard.php](https://wireless.boulder.noaa.gov/onboard/NOAA_OnBoard.php)). The webpage will be intercepted and you will be brought to the registration screen. Here enter your NEMS Username **without** @noaa.gov (i.e. matt.smith as shown below) and NOAA NEMS Credentials. Click "I accept Terms of Use" button and then "Log In" button.

## Click "Install Certificate"



## Click "Install"



## Click "Install" again.



## Click done.



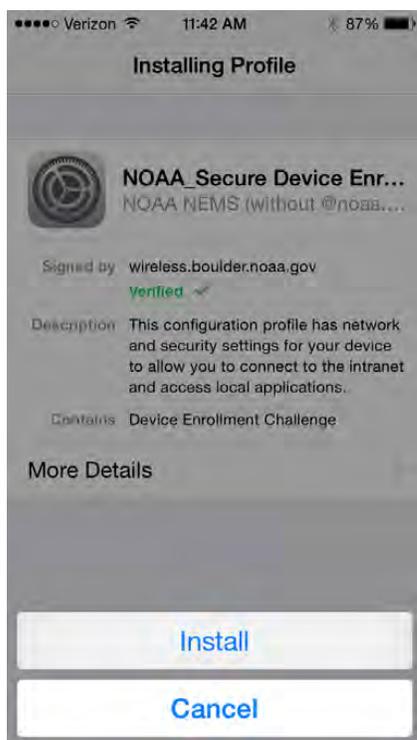
Go back to the webpage and click the “Install Profile” button.



Click “Install”.



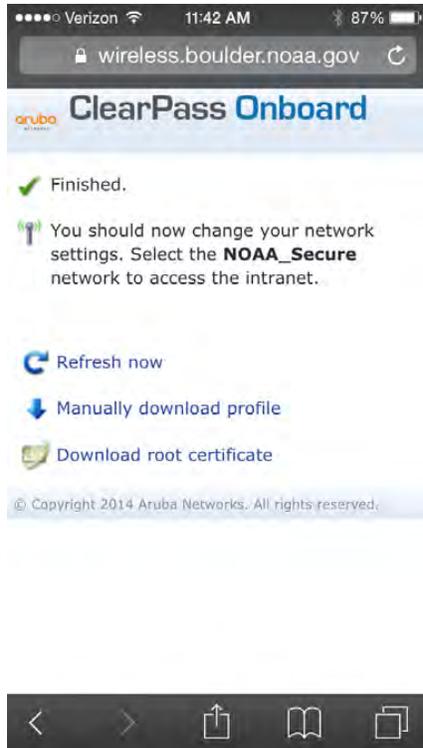
Click “Install” again.



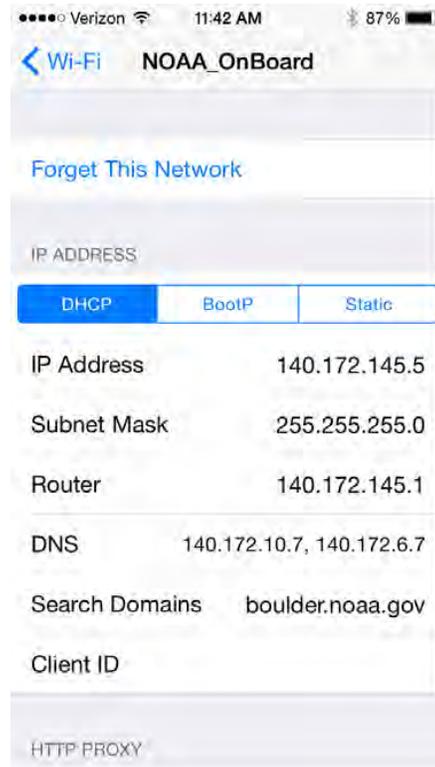
Click “Done”.



You will be redirected to this page.



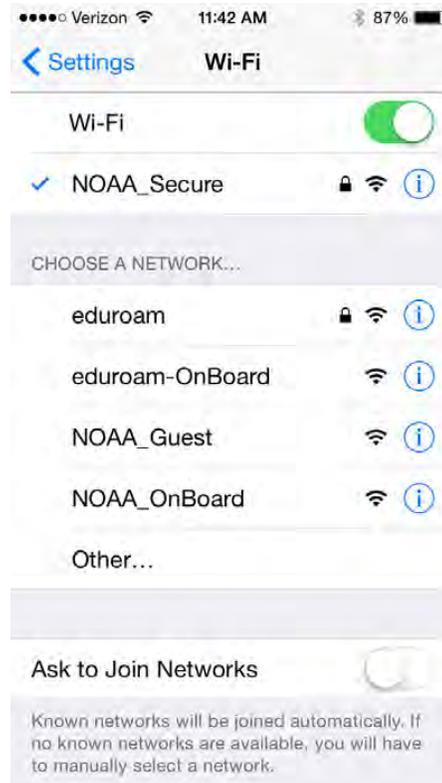
Go to Settings > WiFi > and click the "i" icon next to NOAA\_OnBoard. Click "Forget This Network".



Click "Forget" again.



Click NOAA\_Secure and you should connect.



## iPhone: "Eduroam" SetUp Instructions

To configure eduroam wireless, follow these steps:  
Go to **Settings** > **Wi-Fi** > and select the **eduroam\_OnBoard** Wifi Network from the drop-down. (This SSID will become hidden at later date and you will have to click Other and enter eduroam\_OnBoard manually at that time.)



Open Safari and try to navigate to a webpage (or go to [https://wireless.boulder.noaa.gov/onboard/eduroam\\_OnBoard.php](https://wireless.boulder.noaa.gov/onboard/eduroam_OnBoard.php)). The webpage will be intercepted and you will be brought to the registration screen.



Please configure security and network settings on your device to allow secure access to the internet. Please follow the instructions listed below:

1. Install root certificate (click here)
2. Login below using your National Oceanic and Atmospheric Administration credentials
3. Install the certificate when prompted
4. Go to your Wi-Fi settings and connect to SSID: **eduroam**

Please enter you Username with @noaa.gov. (i.e. matt.smith@noaa.gov) and use your NEMS Credentials.

**Eduroam\_OnBoard**

Username:

Password:

Terms:  
 I accept the terms of use

**Log In**

### Click "Install"



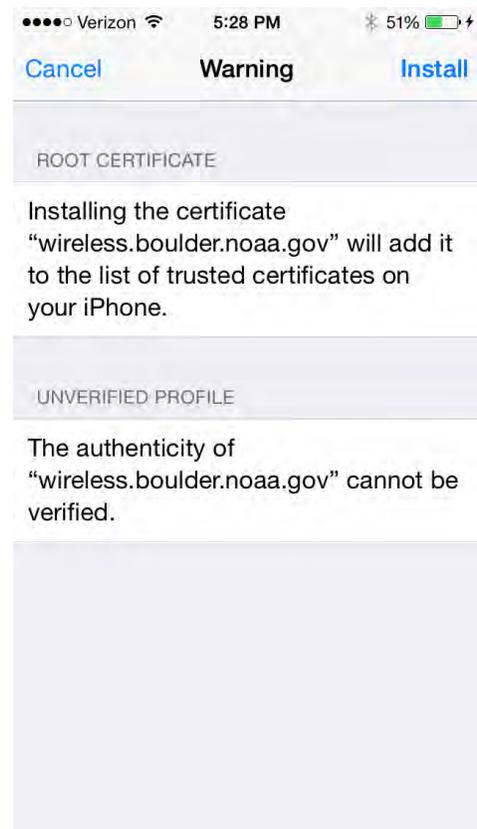
### Click on the "Install Certificate" button.



Here enter your email address and NOAA NEMS Credentials. Click the "I accept the Terms of Use" button then click "Log In"



### Click "Install" again.



Click "done"



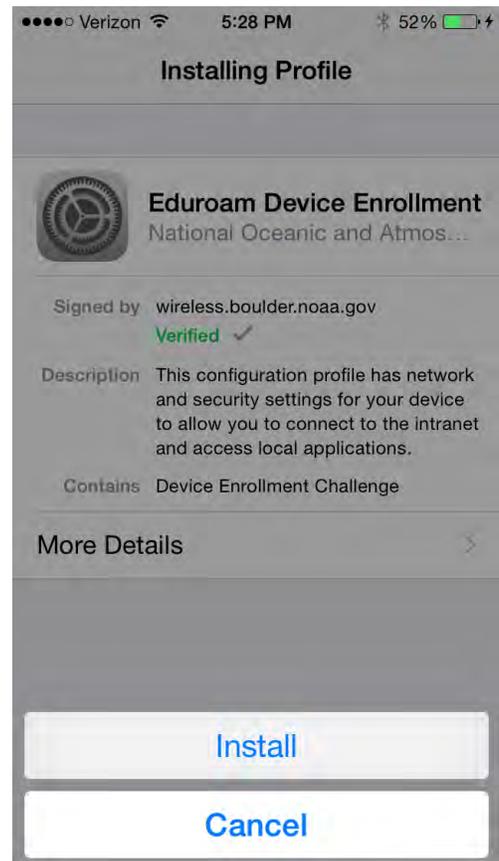
Go back to safari and click the "Install Profile" button.



Click "Install"



Click "Install" again



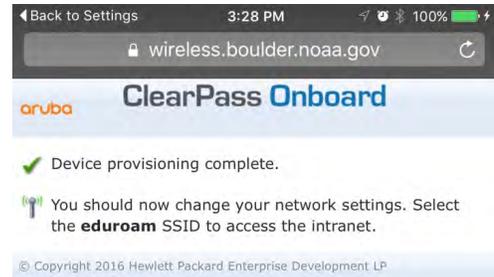
## Click Done



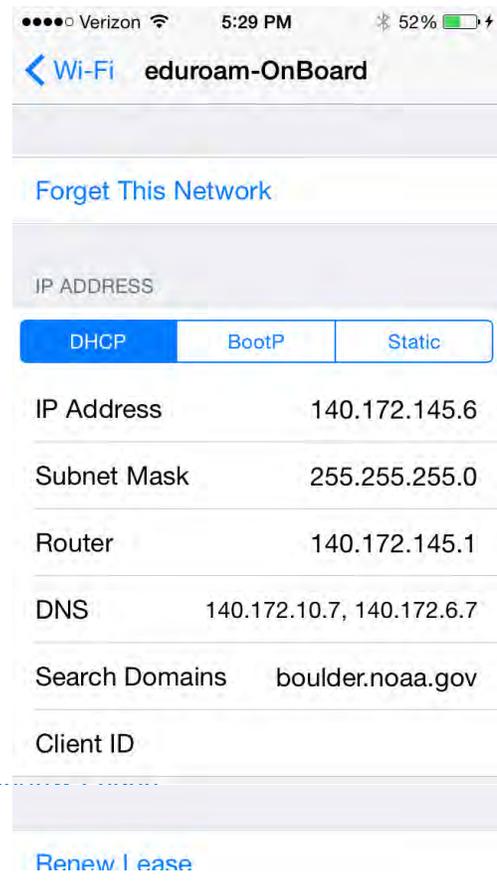
Go to **Settings > WiFi** and click the “i” icon next to **eduroam\_OnBoard**.



You will be brought to the following page:



Click “Forget This Network”.



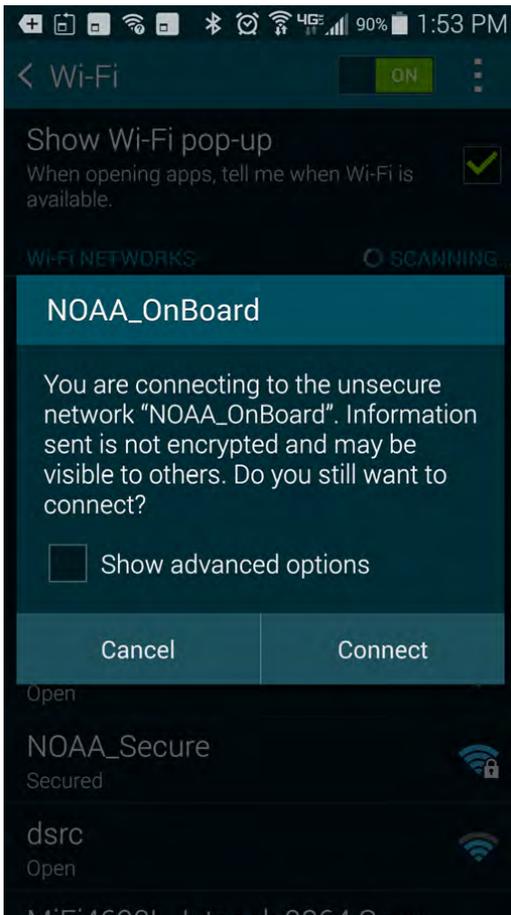
Click "Forget"



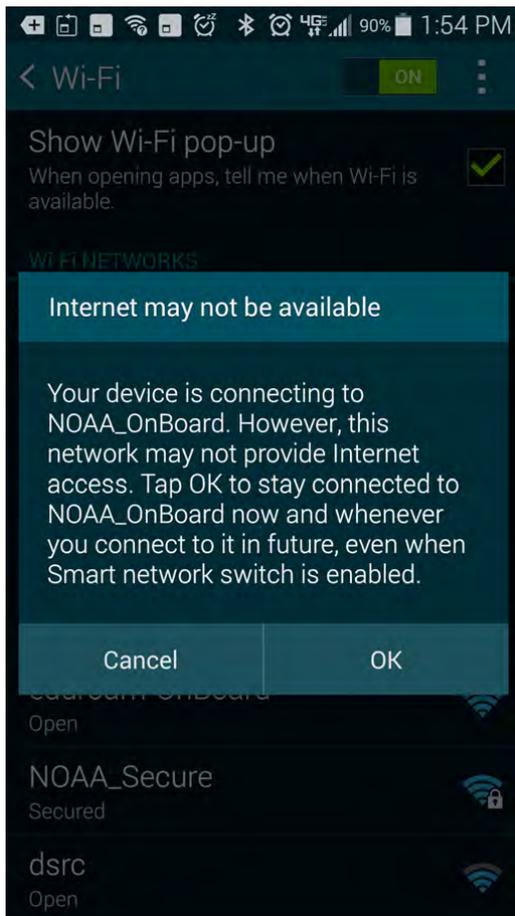
Go to **Settings > WiFi** and click on eduroam. You should join the network now.



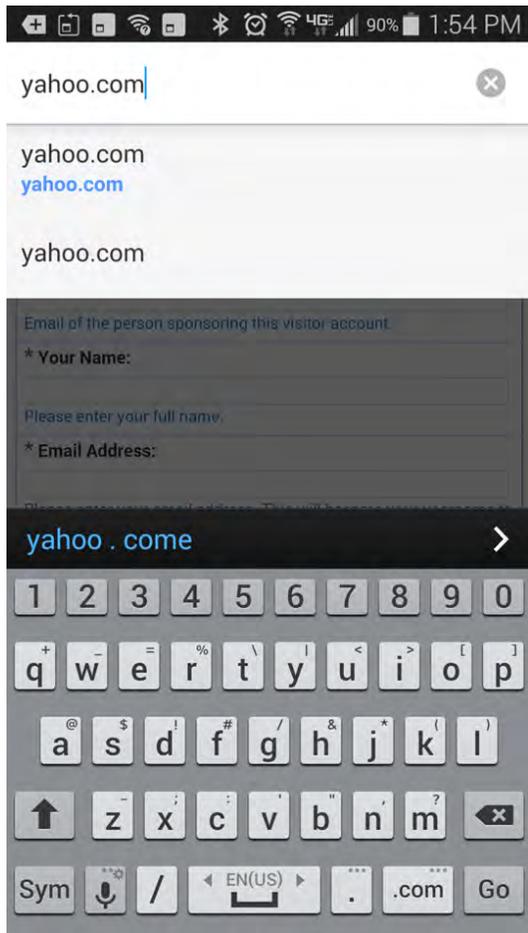
## Android: "NOAA\_Secure" Setup Instructions



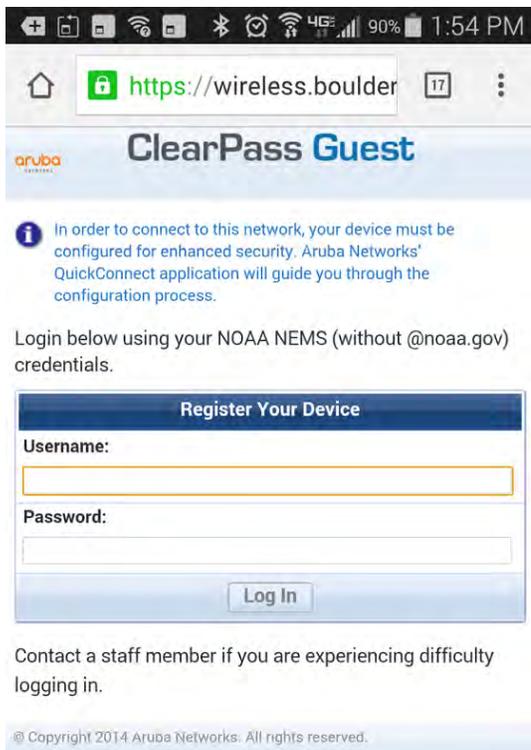
To configure NOAA\_Secure wireless, follow these steps: Go to **Settings > Wi-Fi >** and select the **NOAA\_OnBoard** Wifi Network from the drop-down. Then click **Connect**. (This SSID will become hidden at later date and you will have to click "Other" and enter NOAA-OnBoard manually at that time.)



Click OK.

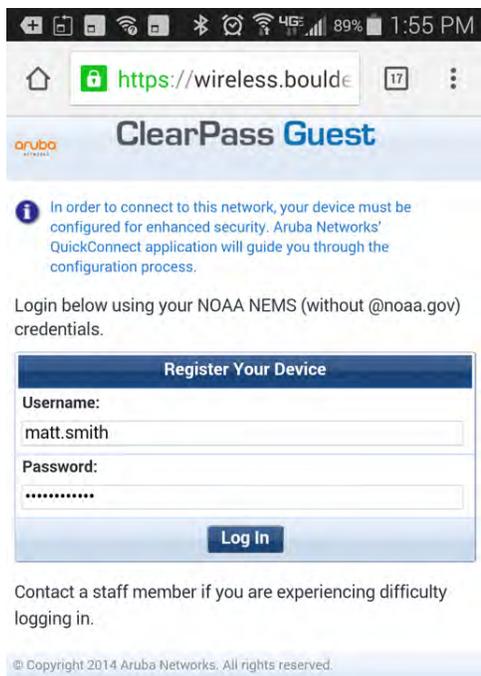


Open Browser and try to navigate to a webpage  
(or go to [https://wireless.boulder.noaa.gov/onboard/NOAA\\_OnBoard.php](https://wireless.boulder.noaa.gov/onboard/NOAA_OnBoard.php)).

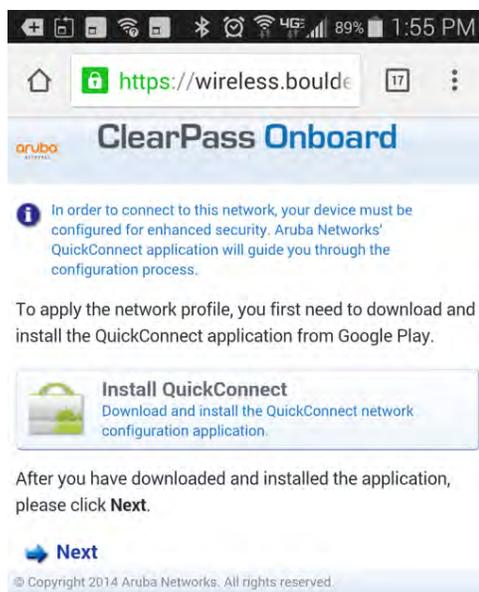


The webpage will be intercepted and you will be brought to the registration screen. Enter your NEMS Username (without @noaa.gov)

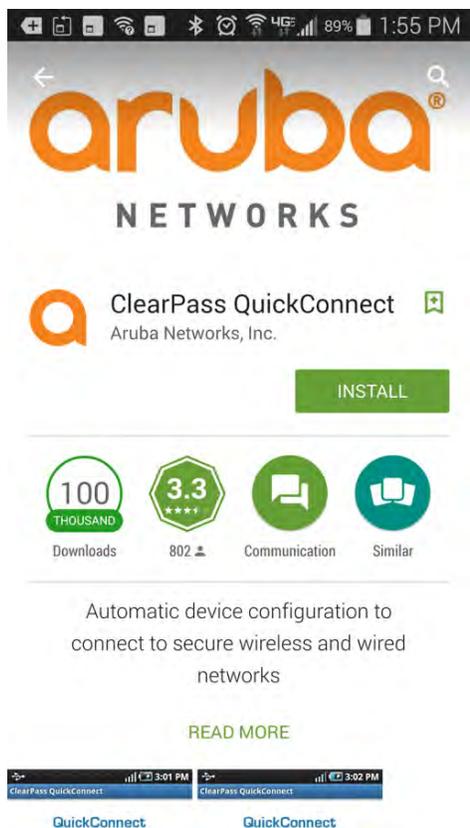
Once entered, click the blue “Log In” button.



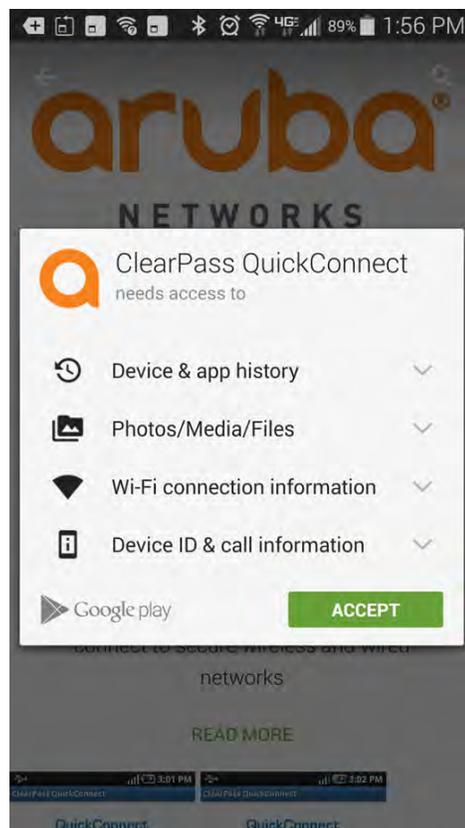
Click the Install QuickConnect button.

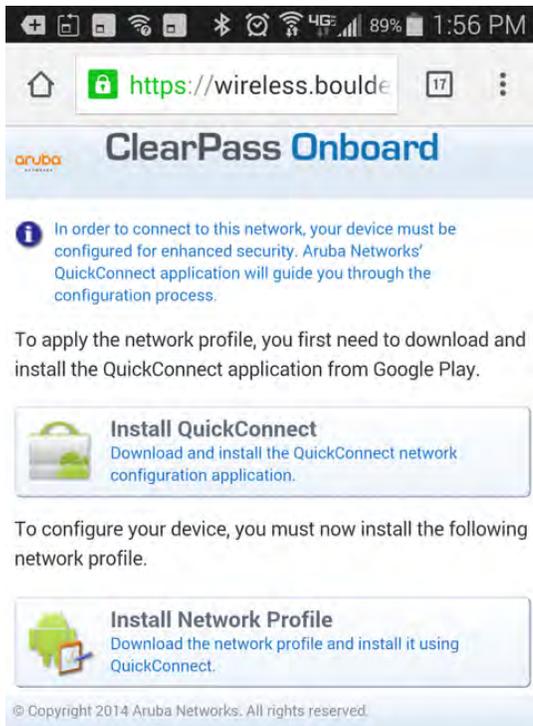


You will be brought to Android App Store. Click the Install button.

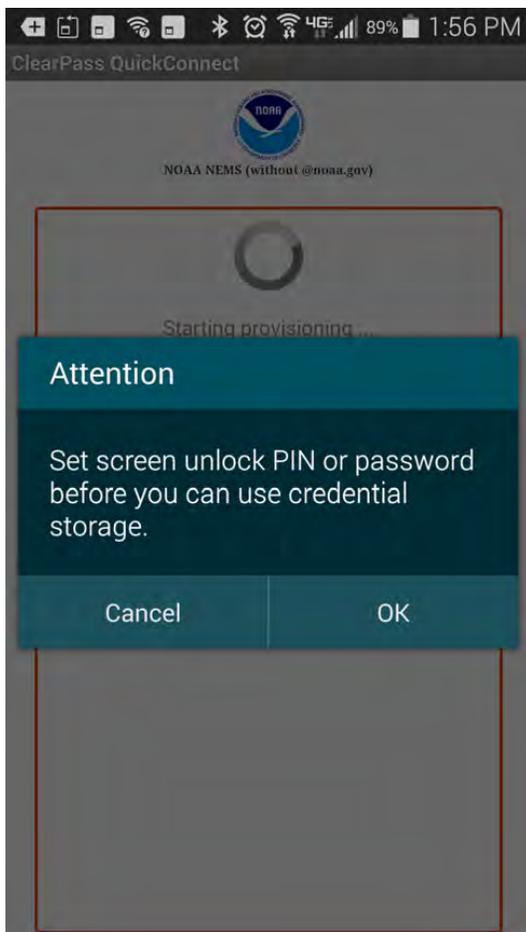


Click Accept.





Go back to the webpage, and click the Next button. You will see an Install Network Profile button appear. Click the Install Network Profile.



If you do not have a screen password, it will be **mandatory** to install profile. (This is an Android requirement to install certificates.) Click OK, and set the password.

You will see the profile being installed as below.

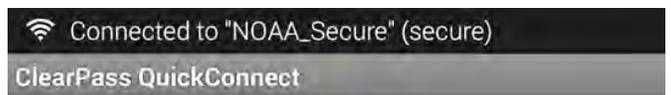


NOAA NEMS (without @noaa.gov)



Starting provisioning ...  
Detecting networks ...  
Configuring network ...  
Done configuring network ...  
Toggling WiFi ...  
WiFi is now enabled ...

Once complete, you will see the following page. Click OK.



NOAA NEMS (without @noaa.gov)

Your device is now successfully connected to the NOAA\_Secure network.

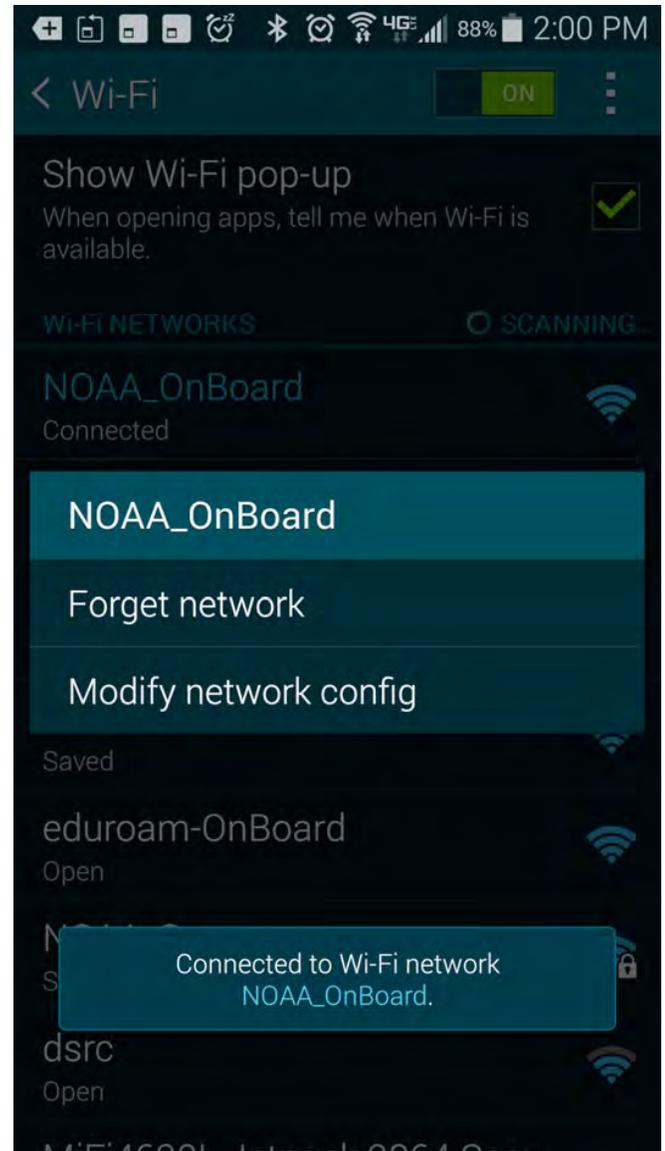
Connected to Wi-Fi network  
NOAA\_Secure.

OK

Go to Settings > Wi-Fi and click NOAA\_OnBoard.



Click Forget Network.



Click NOAA\_Secure and you are done.

# Android: Eduroam Setup Instructions

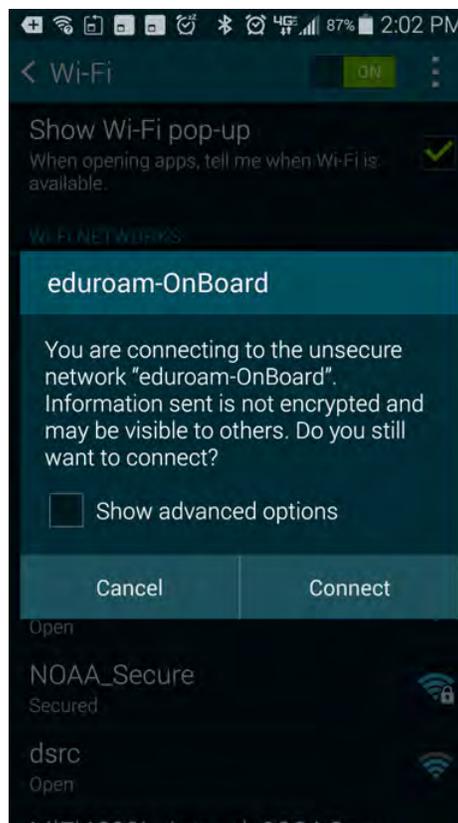
Navigate to Apps > Settings > Wi-Fi



Click eduroam\_OnBoard.



Then click Connect.



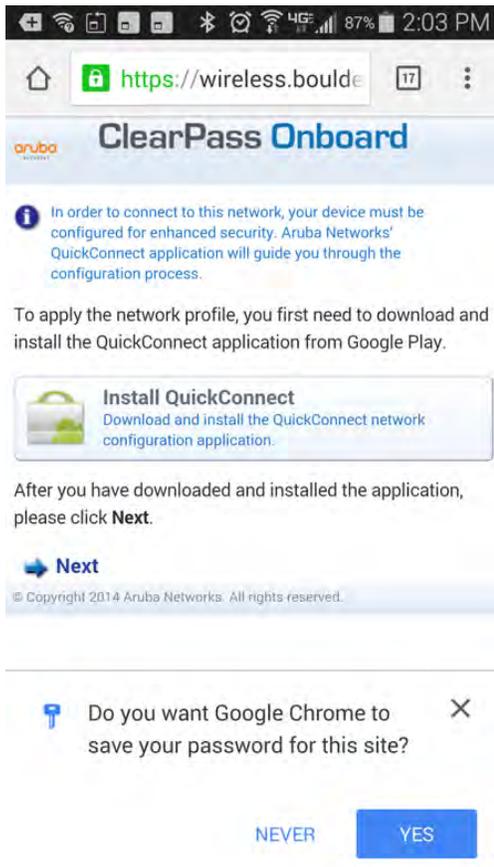
( In the future this SSID will be hidden and you will need to click "Other" and enter "eduroam\_OnBoard" manually then join.)

Click OK.

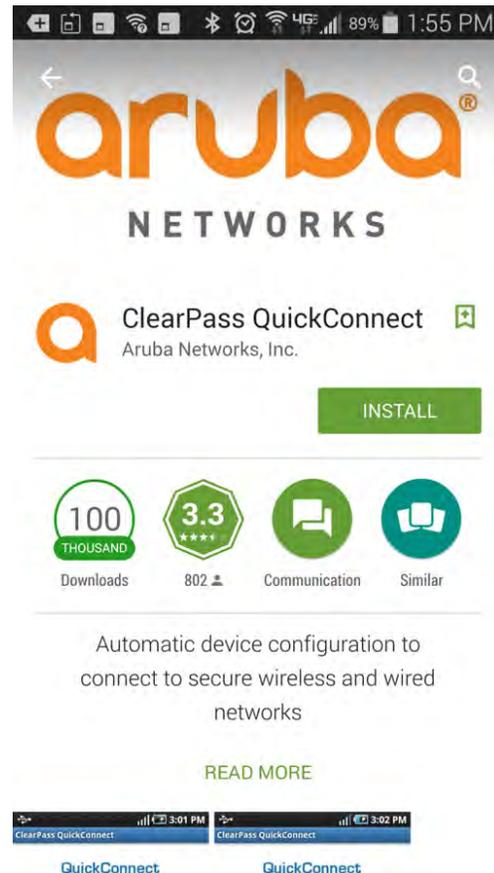


Open a Browser and try to navigate to a webpage (or go to [https://wireless.boulder.noaa.gov/onboard/eduroam\\_OnBoard.php](https://wireless.boulder.noaa.gov/onboard/eduroam_OnBoard.php)). The webpage will be intercepted and you will be brought to the registration screen. Here enter your email address (i.e. [matt.smith@noaa.gov](mailto:matt.smith@noaa.gov)) and NOAA NEMS Credentials. Click Log In.

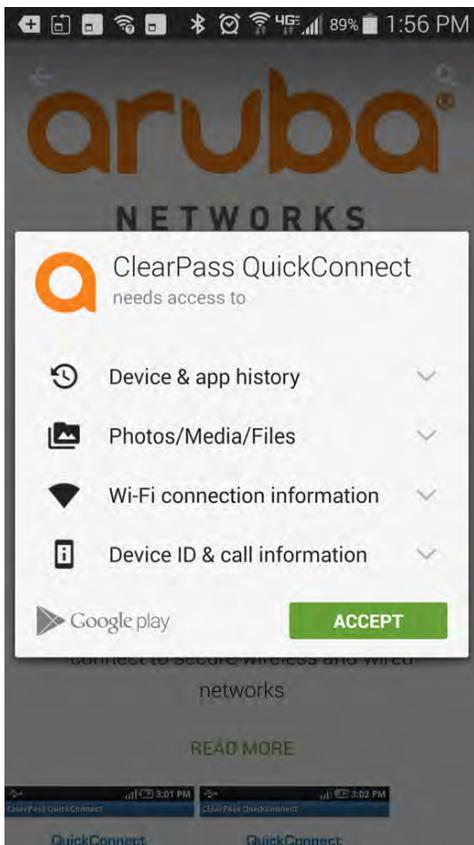
Click "Install QuickConnect".



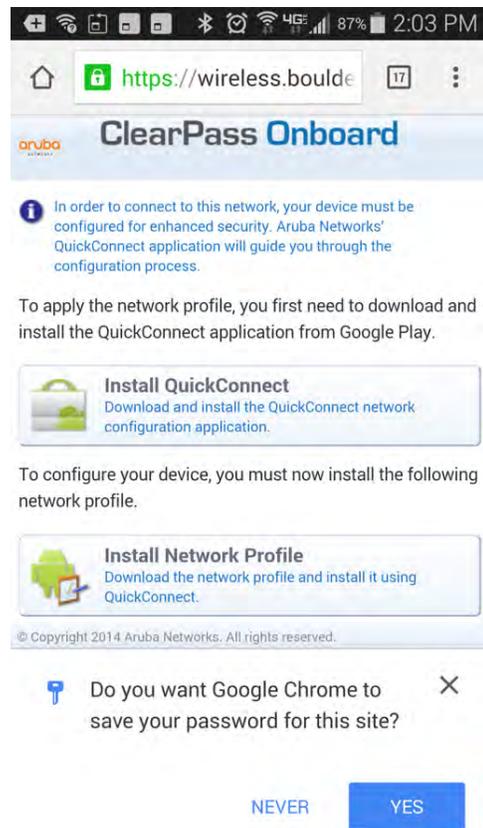
Click "Install".



Click "Accept".



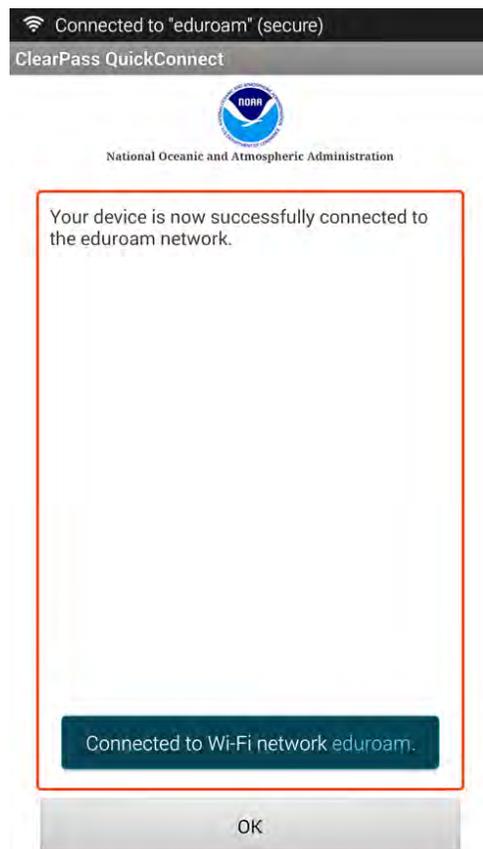
Go back to the browser and click "Install Network Profile".



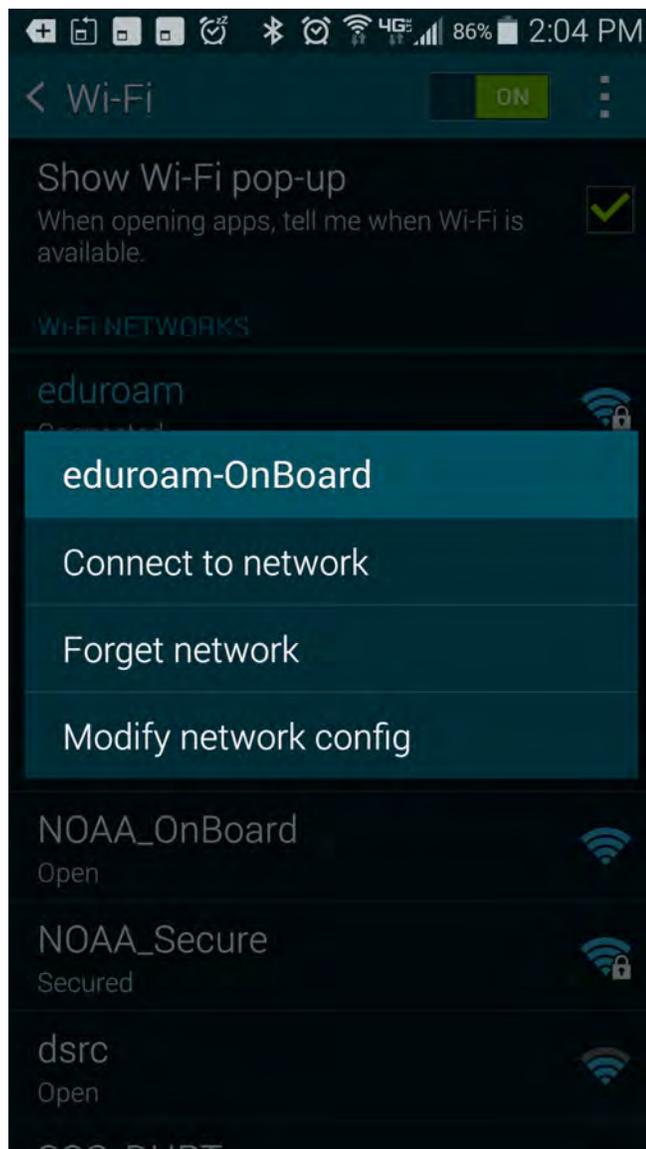
You should see a page similar to below.



When setup is complete, you will see the following prompt. Then click OK.



Go to Settings > Wi-Fi > and click eduroam\_OnBoard and click Forget Network.



Then join eduroam and you are connected.

## Instructions for accessing the NOAA\_Guest Wireless Service

For visitors/guests requesting Internet access while on-site, these instructions need to be followed by both the guest and the NOAA employee sponsoring them. NOTE: The sponsor is responsible for the actions of the guest.

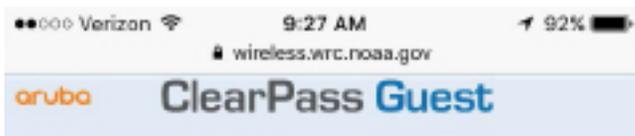
If you already have a NEMS Account, NOAA Guest Wireless Account, or Conference Account, you may connect via the logon page from within your browser.

### Guests

Go to your wireless settings and select the NOAA\_Guest network. You should get automatically connected.



Go to a browser and navigate to any web page. The web page will be intercepted and you will be brought to a logon page. (If not, try a different web page that you haven't connected to in the past.)



Already have a NEMS Account, NOAA Guest Wireless Account, or Conference Account?

[Sign In Here](#)

If not, please complete the form below to gain access to NOAA's Guest Wireless Network.

**Visitor Registration**

\* **Sponsor's Email:**  
  
Email of the person sponsoring this visitor account.

\* **Your Name:**  
  
Please enter your full name.

\* **Email Address:**  
  
Please enter your email address. This will become your username to log into the network.

\* **Expires After:**  
2 weeks ▾  
Amount of time before this account will expire.

Verizon 5:44 PM 65%  
wireless.boulder.noaa.gov

\* **Email Address:**  
  
Please enter your email address. This will become your username to log into the network.

\* **Expires After:**  
2 weeks ▾  
Amount of time before this account will expire.

\* **Confirm:**  
 I accept the [terms of use](#)

\* required field

< > Done

4 days  
5 days  
6 days  
1 week  
2 weeks

(Cell phone selection screen)

If you have a NEMS Account, NOAA Guest Wireless Account, or Conference Account - SIGN IN

Guests should enter in the following information:

Sponsor's Email: Address of sponsoring NOAA Employee

Your Name: Name of User

Email Address: Your email address, will become your username

Expires After: Period of time you will be needing wireless access (max 2 weeks)

Read Terms of Use policy and check the box to accept.

Then click Register.

After you register, please wait for the sponsor to accept or deny your request.

## NOAA Sponsors

When your guest submits a request to the NOAA\_Guest network you will receive an email similar to the one below. Click the "Click here" section of the email.

Wireless access request from: matt.smith@noaa.gov Inbox x

---

**nb-noc@noaa.gov**  
NOAA Boulder Wireless A guest is requesting visitor access GuestManager Recei...

---

**nb-noc@noaa.gov** 7:22 PM (0 min)  
to me ▾

### NOAA Boulder Wireless

**A guest is requesting visitor access**

**GuestManager Receipt**

**Your Account Details**

---

Username: [matt.smith@noaa.gov](mailto:matt.smith@noaa.gov)

Full Name: Max

Phone:

---

A visitor has requested access naming you as the sponsor. Please [click here](#) to confirm the request.

---

Powered by Aruba Networks

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Enter your NOAA Email Username (without @noaa.gov) and password.  
Click Confirm to give access or Reject to deny access to the network.  
Remember you are responsible for your guest's actions on the network.



A guest has requested your confirmation for guest access

Visitor Registration Receipt	
Sponsor's Name:	matt
Sponsor's Email:	matt.smith@noaa.gov
Guest's Name:	<b>Max</b>
Account Username:	 <a href="#">matt.smith@noaa.gov</a>
Activation Time:	Monday, 03 November 2014, 7:22 PM
Expiration Time:	Monday, 17 November 2014, 7:22 PM
<input checked="" type="button" value="Confirm"/> <input type="button" value="Reject"/>	

If you approve their request you will get the following notification.



 Confirmed registration of matt.smith@noaa.gov (ID 3076).

Visitor Registration Receipt	
Sponsor's Name:	matt
Sponsor's Email:	matt.smith@noaa.gov
Guest's Name:	<b>Max</b>
Account Username:	 <a href="#">matt.smith@noaa.gov</a>
Activation Time:	Monday, 03 November 2014, 7:22 PM
Expiration Time:	Monday, 17 November 2014, 7:22 PM

 [Download account details](#)

## Guests

Once the sponsor has approved your request you will see the following pages and the Log In button will turn blue.

**Please remember to write down your username and password.**

Verizon 5:45 PM 66% wireless.boulder.noaa.gov

seconds.

Visitor Registration Receipt	
<b>Sponsor's Name:</b>	john@doe.com
<b>Sponsor's Email:</b>	matt.smith@noaa.gov
<b>Guest's Name:</b>	<b>John Doe</b>
<b>Account Username:</b>	<b>john@doe.com</b>
<b>Guest Password:</b>	<b>96841714</b>
<b>Activation Time:</b>	Thursday, 25 September 2014, 5:44 PM
<b>Expiration Time:</b>	Wednesday, 01 October 2014, 5:44 PM
<b>Account Status:</b>	Disabled
<b>Log In</b>	

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Verizon 5:52 PM 72% wireless.boulder.noaa.gov

day.

Visitor Registration Receipt	
<b>Sponsor's Name:</b>	john@doe.com
<b>Sponsor's Email:</b>	matt.smith@noaa.gov
<b>Guest's Name:</b>	<b>John Doe</b>
<b>Account Username:</b>	<b>john@doe.com</b>
<b>Guest Password:</b>	<b>96841714</b>
<b>Activation Time:</b>	Thursday, 25 September 2014, 5:51 PM
<b>Expiration Time:</b>	Wednesday, 01 October 2014, 5:44 PM
<b>Account Status:</b>	Enabled
<b>Log In</b>	

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Click the Blue Log In button.

You now have Guest Access. Note: this is a non-secure connection. Only HTTPS connections are encrypted.

## WRC Campus Wireless - FAQs

- **What is the intended purpose of the WRC wireless network?**
  - The purpose of the WRC wireless network is to provide both NOAA staff (employees and affiliates) and authorized/sponsored guests with access to the Internet.
  - Access is only to the Internet. Access to one's own office network can only be accomplished by using a remote access/VPN connection.
- **Where is wireless available on campus?**
  - Wireless Internet access is available in most all conference and meeting rooms within Buildings 1, 3, 4, 8, as well as Bldg. 9 Auditorium and Bldg. 2 Cafeteria.
  - Wireless service also extends to a limited number of general or common office areas within the main campus buildings (1, 3, 4, 8) and some areas along the pier.
- **How do I connect my laptop, tablet, or smartphone?**
  - There are three SSIDs (Service Set Identifier) associated with the WRC wireless to choose from: 1) NOAA\_Secure, 2) eduroam and 3) NOAA\_Guest.
  - NOAA staff should register or on-board (one-time) and regularly connect to either NOAA\_Secure or eduroam. Both connections apply IT security policies, encryption and authentication standards over and above commercial public wireless hotspots
- **What is "eduroam"?**
  - eduroam (educational roaming) is a secure, world-wide roaming access service developed for the international research and education community. It is mainly intended for use by any visiting academics that already have eduroam accounts or for other institutions that are members of the eduroam community such as NOAA and UW.
- **How do Guests obtain access?**
  - For NOAA visitors and guests, they may register for guest Internet access by choosing the NOAA\_Guest SSID from their device.
  - If you already have a NOAA NEMS account, NOAA\_Guest Wireless Account or Conference Account, you may connect by selecting NOAA\_Guest and then enter your credentials on the logon page from within your browser.
  - All other guests must be sponsored by a NOAA staff member
  - Access is limited by the sponsor and can be up to 2 weeks.
  - Guests are limited to connecting 3 devices
  - Password resets can be made through your local IT support group
- **What are Sponsors, who can be one, and what is their role?**
  - Sponsors: Are NOAA staff that, along with their organizations, will authorize guests for access to the WRC wireless network. They should make guests aware of DOC and NOAA IT security policies on appropriate use of government resources. Sponsors will also be responsible for any IT security incidents that occur via this guest access.

- When a guest requests access via their laptop or smartphone, the sponsor used by the guest to register will receive an email to authorize or deny access. Either decision made by the sponsor will be communicated to the requesting guest. The guest will not be able to proceed with registration without the sponsor's response/action.
- **Can one obtain a shared Login and Password for use in the Auditorium or any of the Conference Rooms?**
  - Yes, contact your local IT Help Desk or the OCIO in Seattle to request this. The following information will be needed for this request:
    - Group, Meeting, or Conference name,
    - NOAA sponsor (NOAA manager hosting the event)
    - Start and finish dates and times each day,
      - e.g. 01/02/17 – 01/06/17 08:00 – 18:00 PST
    - # of attendees
- **What are the acceptable uses of the WRC campus wireless?**
  - Internet access is provided for NOAA staff and sponsored guests/visitors. It is strongly recommended the network not be used to transmit personal or non-public information, as protection against malicious theft or interception of such data transmitted over the wireless network is not guaranteed.
  - All wireless users are required to comply with DOC and NOAA policies concerning Access and Use of government networks. In particular, all sensitive but unclassified information (SBU), or For Official Use Only (FOUO) information transmitted over the Internet (i.e. email, file transfer, etc.) must be encrypted (i.e. VPN, SSL, etc.).
  - NOAA does not assume responsibility for the safety of personal equipment or for harm done to laptop/smartphone/tablet configurations, security, or data files resulting from connection to the wireless service. Virus and security protection is the responsibility of the wireless user.
  - All wireless use is subject to Department of Commerce Access and Use Policy (CITR-022). [https://connection.commerce.gov/sites/connection.commerce.gov/files/media/files/2014/citr-022\\_access\\_and\\_use.pdf](https://connection.commerce.gov/sites/connection.commerce.gov/files/media/files/2014/citr-022_access_and_use.pdf)
  - NOAA offices at the WRC that use the wireless services will be responsible for any infraction of the policies by their employees, contractors, or sponsored guests. The WRC does not take any responsibility for users or the actions users take on the wireless network. All inappropriate actions will be directed towards the user's sponsoring organization. The WRC reserves the right to disconnect any user and/or system that poses a security (or any other) threat to NOAA, the WRC or other customers.
- **How will Security Incidents be handled?**
  - Local IT staff will immediately notify their designated counterparts (ISSO, ITSO, SO, NCIRT) by telephone or e-mail when a security incident is detected, so the other party may take steps to determine whether its system has been compromised and take appropriate security precautions. The appropriate System Owner will receive formal notification in writing within three (3) business days after detection of the incident.