

Using *eduroam* for Encrypted WiFi at the UW

Brian High

Introduction

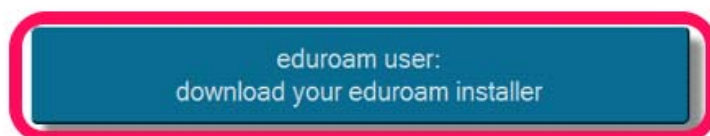
In this tutorial, you will see how to connect to the [eduroam](#) wireless network (WiFi) at the University of Washington. This is an alternative to using the "University of Washington" or "Patients and Visitors" wireless networks.

The primary benefit of using eduroam is that it offers encryption of all of your wireless network traffic, whereas the standard UW WiFi offers no protection from "packet sniffing". Using *eduroam* will make it much harder for someone to "eavesdrop" on your Internet browsing or other online activity.

Before proceeding with this tutorial, you are encouraged to visit the [Eduroam page](#) at UW ITConnect to become more acquainted with this service. In this tutorial, we will use the [eduroam Configuration Assistant Tool \(CAT\)](#) to configure our device to use *eduroam*.

Step 1: From your web browser, go to <https://cat.eduroam.org/>

Step 2: Select **download your eduroam installer**



Step 3: Select University of Washington

Home institution
Select your institution

Bellevue College
U.S.A. 31 km

University of Washington
U.S.A. 45 km

Boise State University
U.S.A. 609 km




University of California, Davis
U.S.A. 989 km

Step 4: Select your operating system version

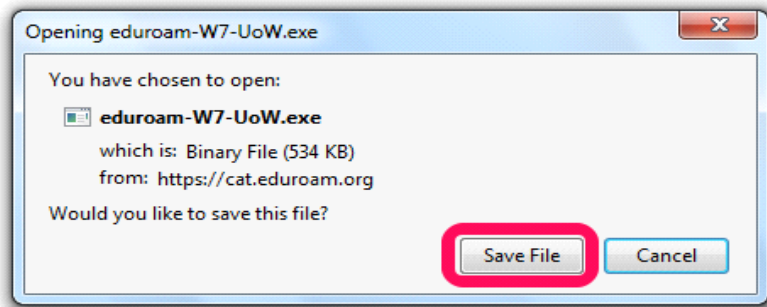
Selected institution: **University of Washington** [select another](#)

If you encounter problems, then you can obtain direct assistance from
email: netops@uw.edu
tel: 1(206)221-6000

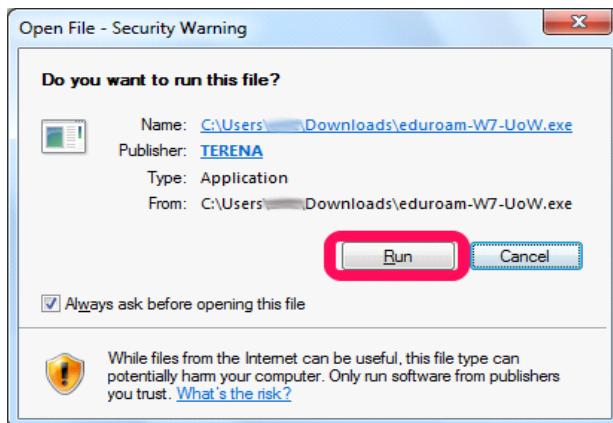
Choose an installer to download

| | | |
|---|--------------------------|-------------------|
|  | MS Windows 8, 8.1 | i |
| | MS Windows 7 | i |
| | MS Windows Vista | i |
| | MS Windows XP SP3 | i |
|  | Apple OS X Yosemite | i |
| | Apple OS X Mavericks | i |
| | Apple OS X Mountain Lion | i |
| | Apple Mac OS X Lion | i |
|  | Apple iOS mobile devices | i |
| | Linux | i |

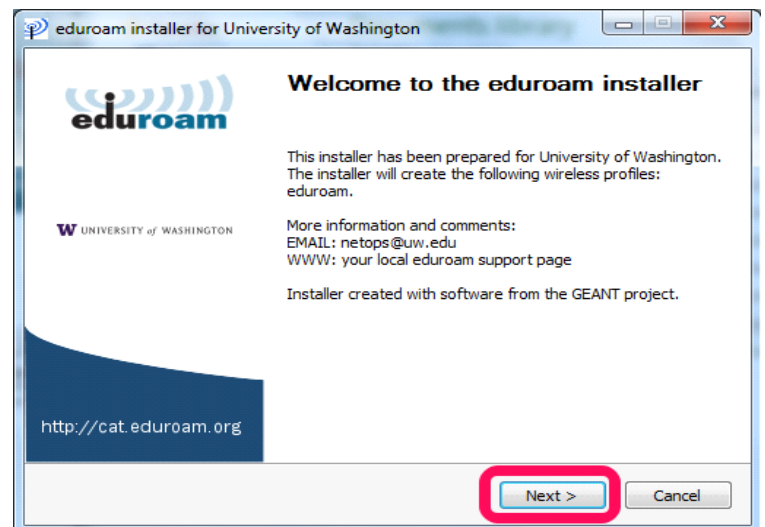
Step 5: Save the installer by selecting Save File



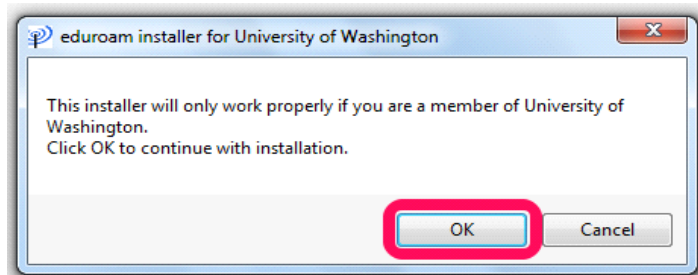
Step 6: Select Run when you see the *Security Warning* and ...



... Select Next to continue installing and ...

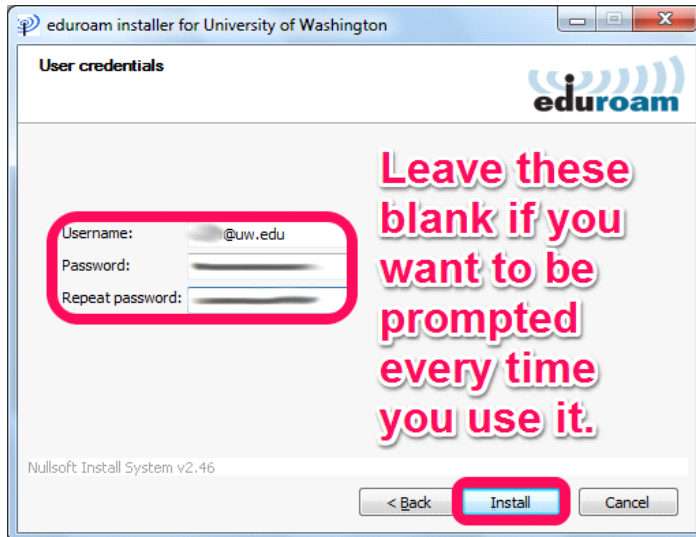


... Select OK to acknowledge and continue



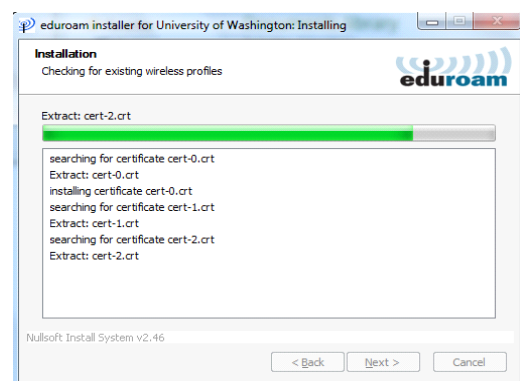
Step 7: Complete the form (or leave blank) ...

If you do *not* want your credentials to be stored, then leave the form fields for *Username*, *Password*, and *Repeat password* **blank**. This will prevent others who uses your computer from using your credentials with *eduroam*. This will be less convenient, but safer for you.

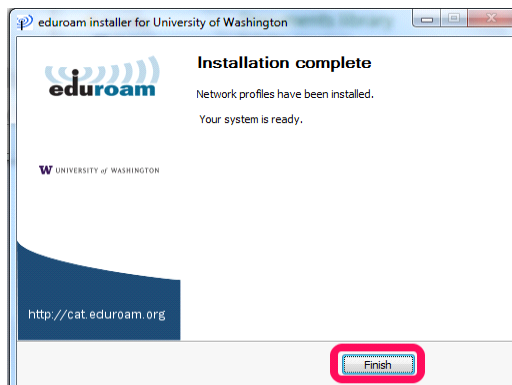



... then **select Install** and

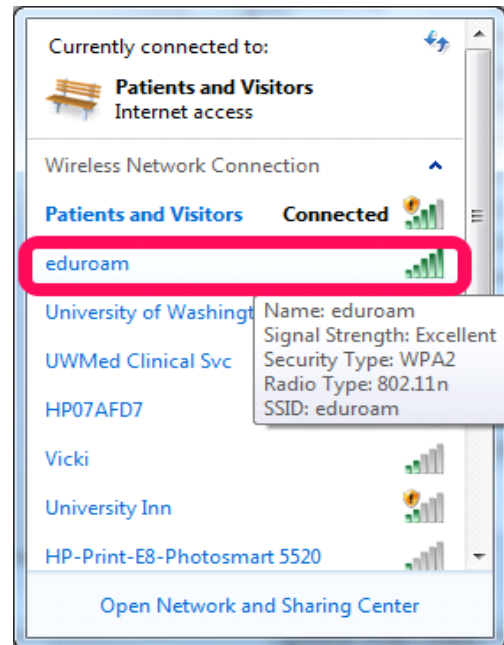
... **Wait** for the installation to complete and ...



... **Select Finish**

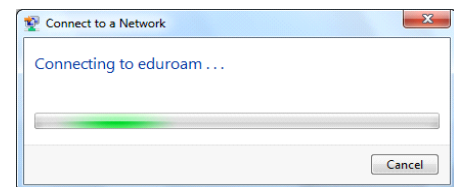
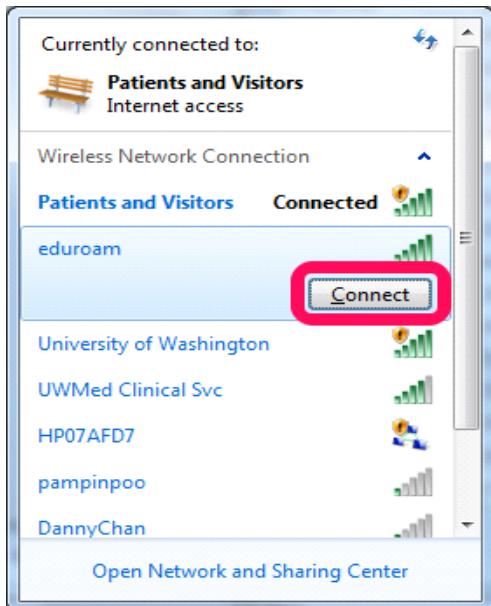


Step 8: Click the  icon (in the taskbar), select **eduroam** and ...

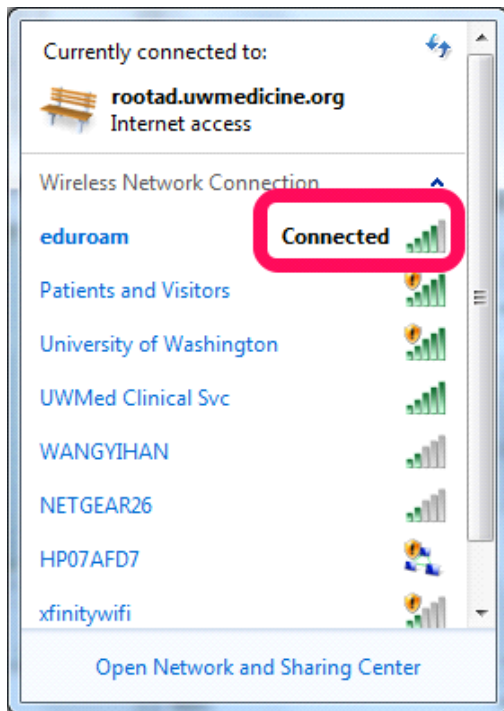


... Select **Connect** and

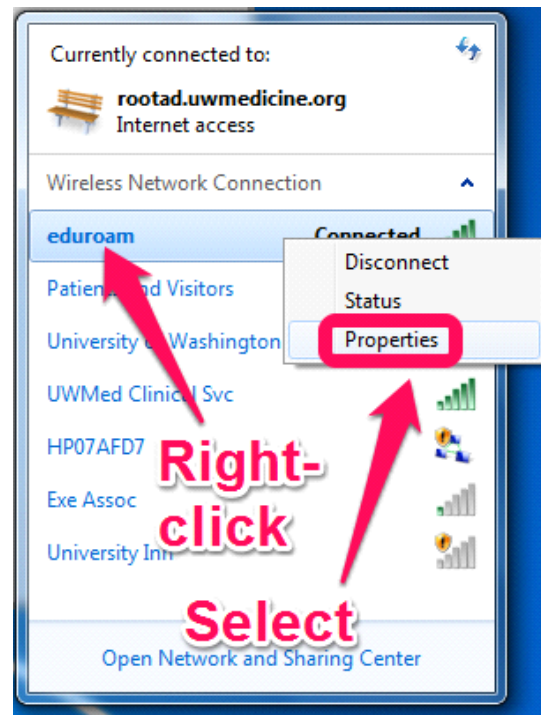
... Wait for your connection to complete



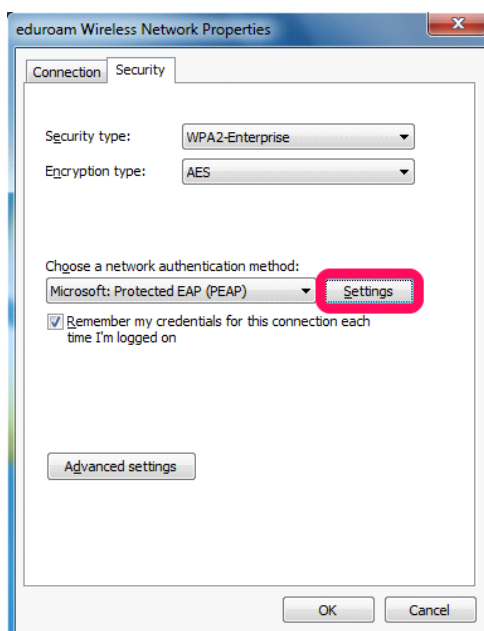
Step 9: **Confirm** that you have successfully **Connected** and ...



... **Right-click** **eduroam** and
... **Select** **Properties** and ...



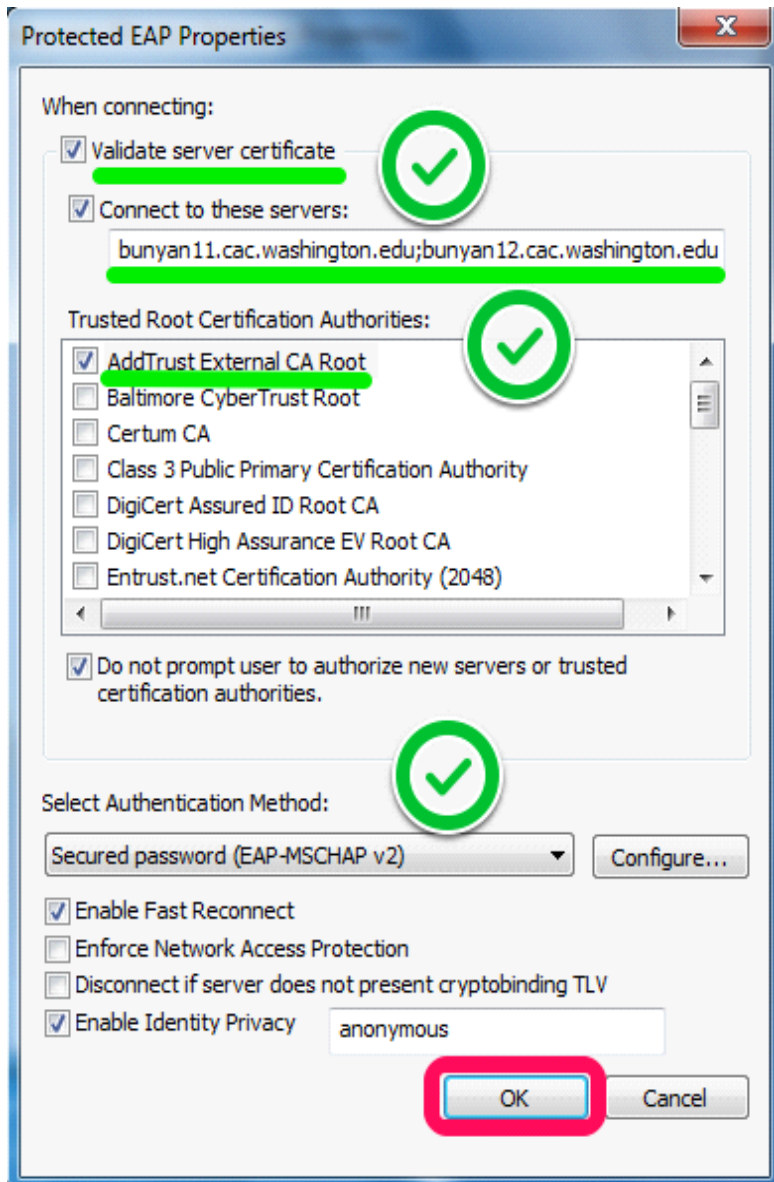
... **Select** **Settings**



Step 10: **Verify settings** and ...

Verify that *Validate server certificate* is checked, that *Connect to these servers* is checked, and the that servers listed are: `bunyan11.cac.washington.edu;bunyan12.cac.washington.edu`

Also, verify that the *AddTrust External CA Root* is listed and checked under *Trusted Root Certification Authorities*. When all of these settings have been verified, select **OK** to finish.



... **Select OK** to finish the procedure

About this tutorial

This tutorial was created by using a Windows 7 SP1 laptop (Lenovo X60s). Screenshots were made using the **[Alt][PrtSc]** keystroke combination, [Gimp](#) and [Sketch](#). Images were imported into *MS Word 2010*, which was used to compose the document. The PDF was generated with *Adobe PDF*.