

# Using *eduroam* for Encrypted WiFi at the UW

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## Introduction

In this tutorial, you will see how to connect to the *eduroam*<sup>2</sup> 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*<sup>3</sup> page at UW ITConnect to become more acquainted with this service. In this tutorial, we will use the *eduroam* Configuration Assistant Tool (CAT)<sup>4</sup> 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***

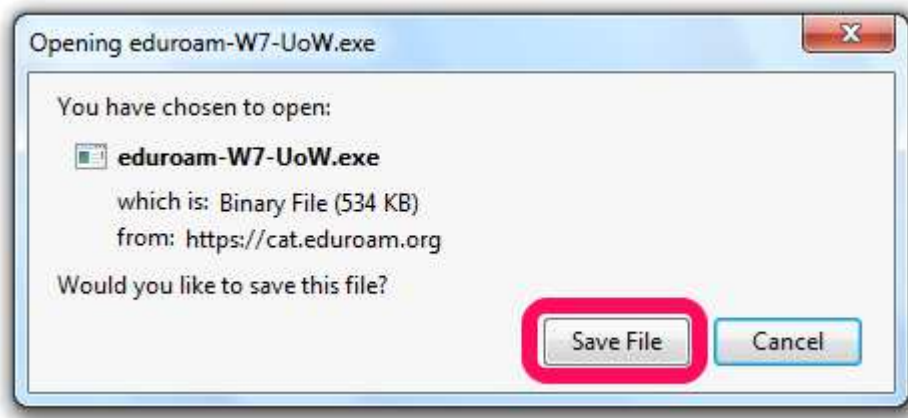
Selected institution: **University of Washington** [select another](#)

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

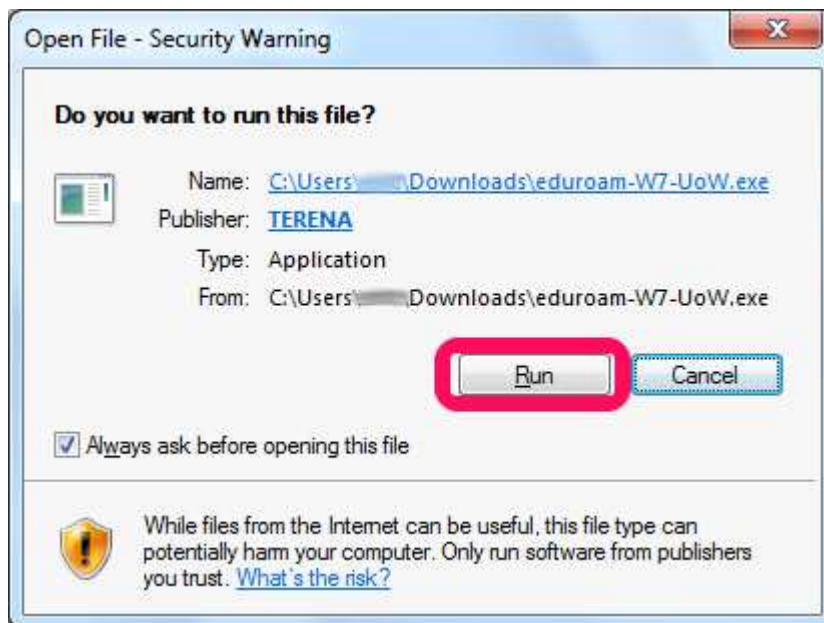
**Choose an installer to download**

	MS Windows 8, 8.1	<a href="#">i</a>
	<b>MS Windows 7</b>	<a href="#">i</a>
	MS Windows Vista	<a href="#">i</a>
	MS Windows XP SP3	<a href="#">i</a>
	Apple OS X Yosemite	<a href="#">i</a>
	Apple OS X Mavericks	<a href="#">i</a>
	Apple OS X Mountain Lion	<a href="#">i</a>
	Apple Mac OS X Lion	<a href="#">i</a>
	Apple iOS mobile devices	<a href="#">i</a>
	Linux	<a href="#">i</a>

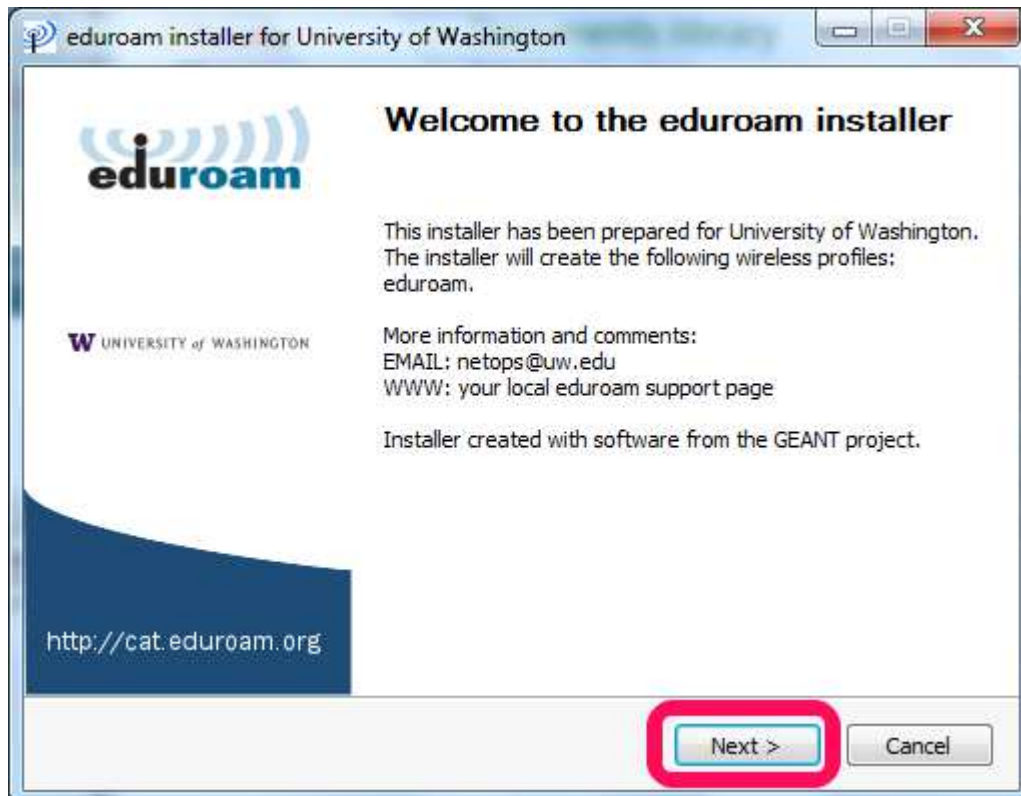
Step 5: **Save the installer by selecting *Save File***



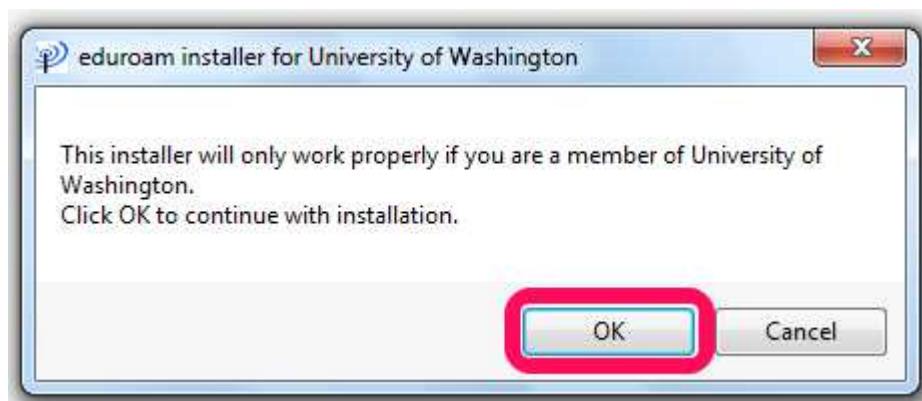
Step 6: **Select *Run*** when you see the Security Warning.



Step 7: **Select *Next*** to continue installing

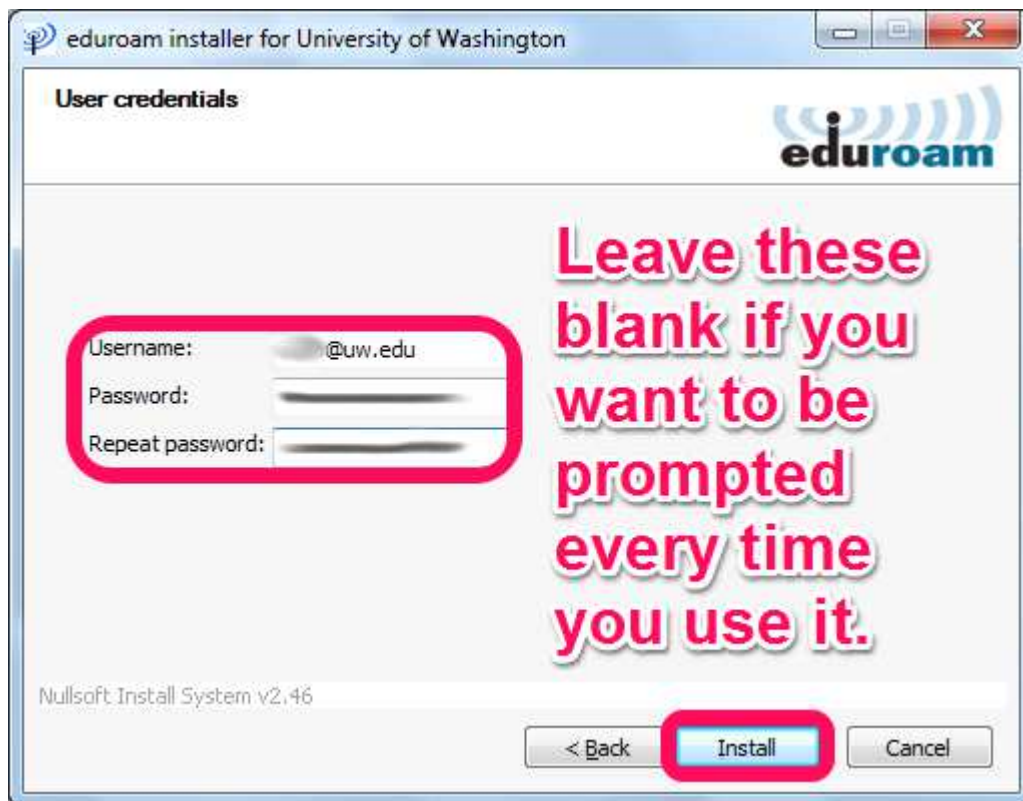


Step 8: **Select *OK*** to acknowledge and continue

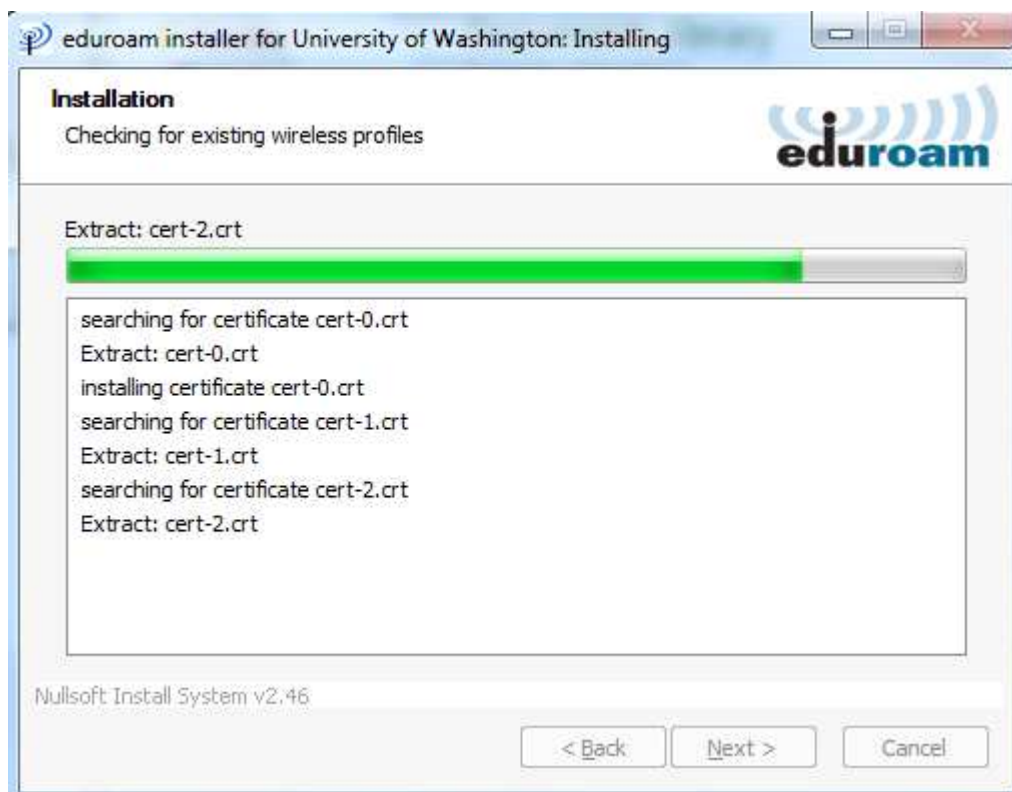


Step 9: **Complete the form (or leave blank) then select *Install***

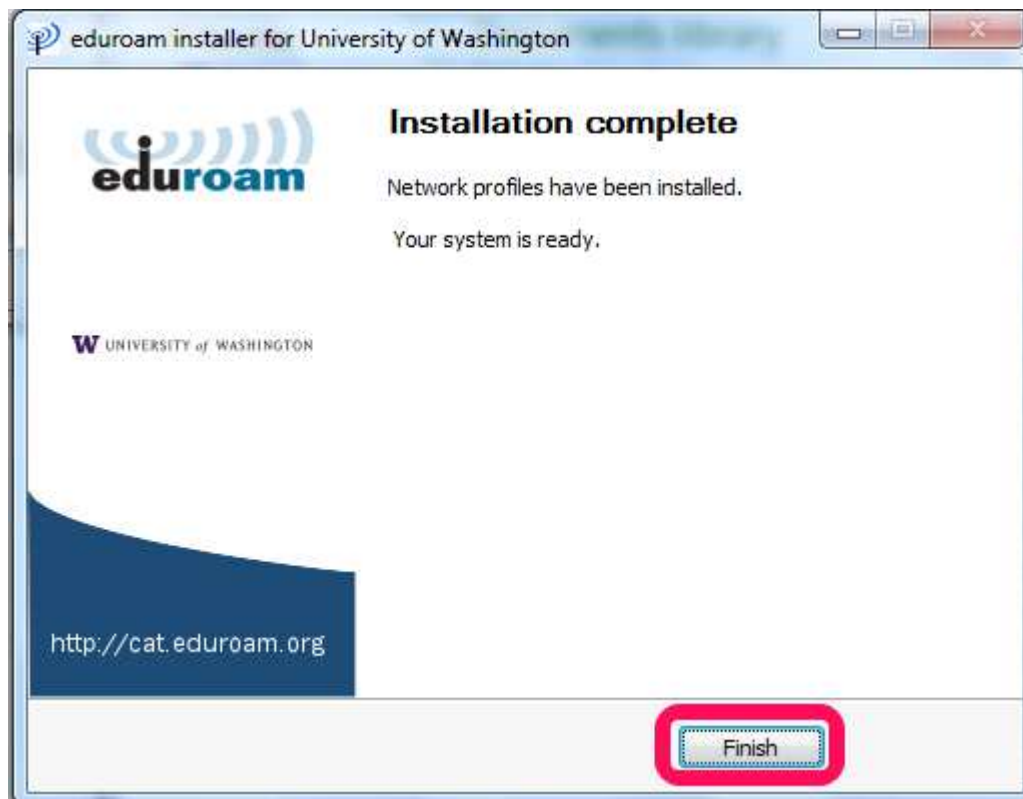
If you do *not* want your credentials to be stored, then leave the form fields for *Username*, *Password*, and *Repeat password* **blank**. This will prevent others who use your computer from using your credentials with *eduroam*. This will be less convenient, but safer for you.




Step 10: **Wait** for the installation to complete

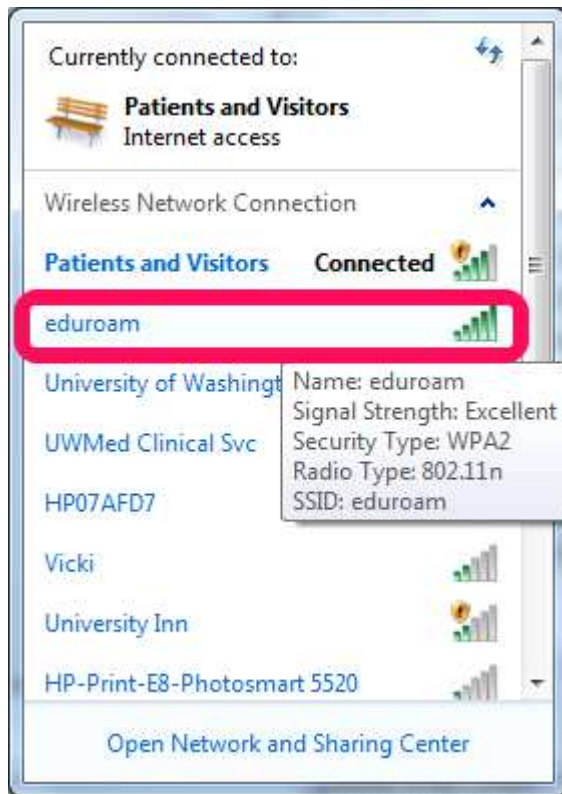


### Step 11: Select *Finish*



Step 12: Click the  icon (in the taskbar) and select *eduroam*

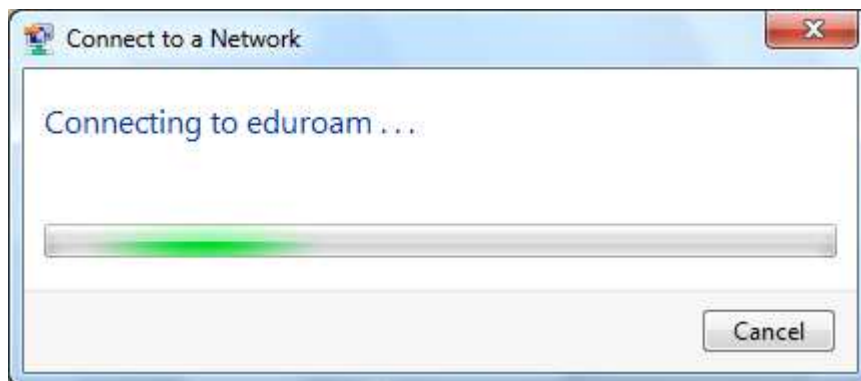




### Step 13: Select *Connect*



Step 14: **Wait** for your connection to complete

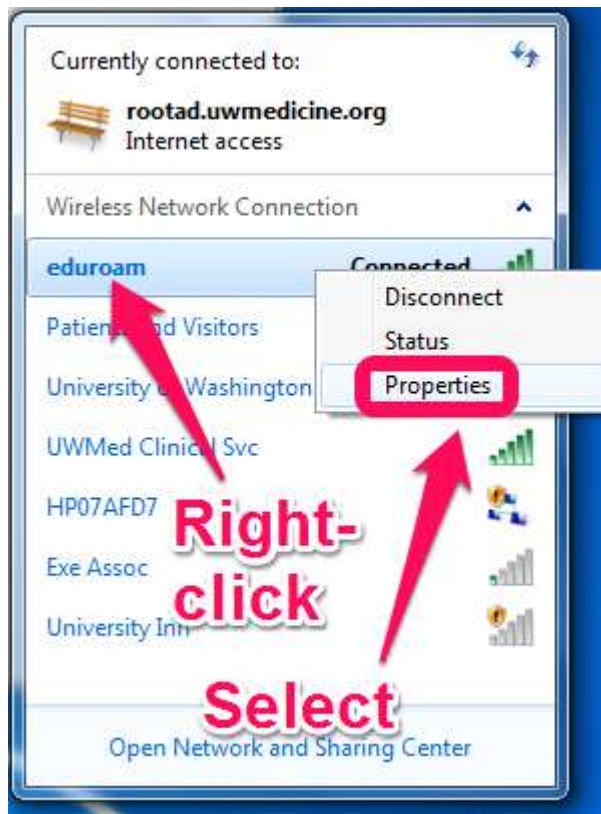


Step 15: **Confirm** that you have successfully connected

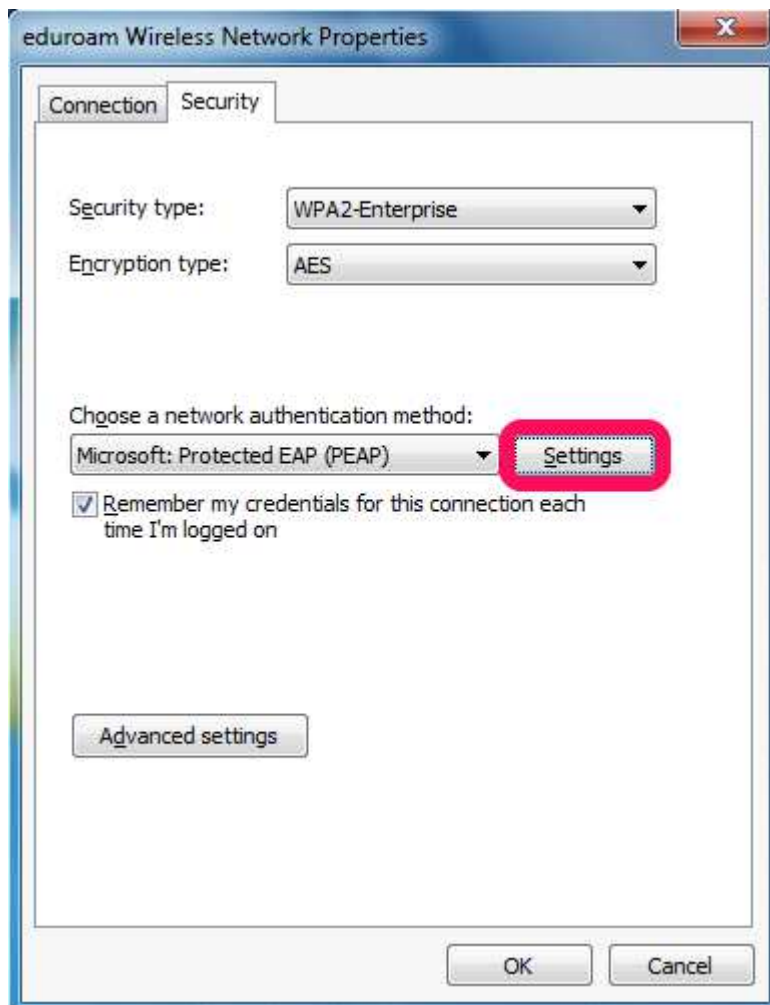


Step 16: **Right-click** *eduroam* and **select** *Properties*





Step 17: **Select *Settings***

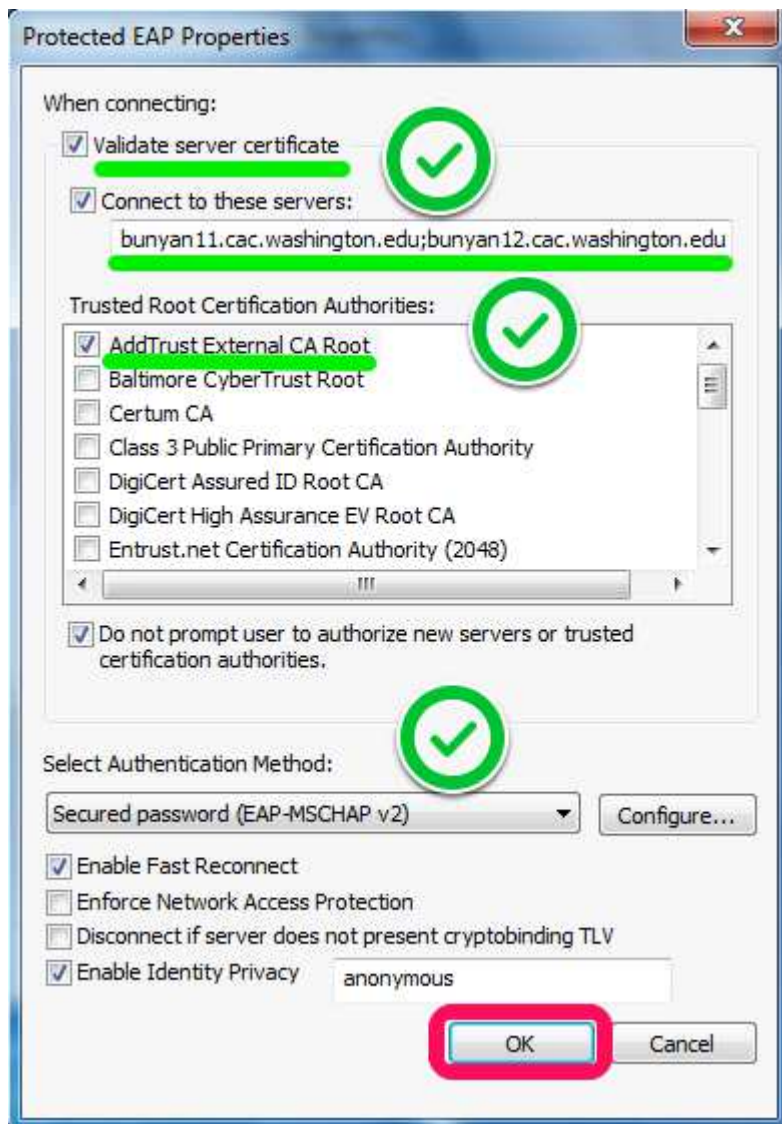


### Step 18: **Verify settings** and **select OK** to finish the procedure

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.



## About this tutorial

This tutorial was created by Brian High using a Windows 7 SP1 laptop (Lenovo X60s). Screenshots were made using the [Alt][PrtSc] keystroke combination, *Gimp*<sup>5</sup> and *Skitch*<sup>6</sup>. Images were imported into *Wordpad*, which was used to compose the document. The PDF was generated with *PDFCreator*<sup>7</sup>.

Notes:

1. <http://creativecommons.org/licenses/by-sa/4.0/>
2. <https://www.eduroam.org/>
3. <http://www.washington.edu/itconnect/connect/uw-networks/campus-wi-fi/eduroam/>

4. <https://cat.eduroam.org/>
5. <http://www.gimp.org/>
6. <http://evernote.com/skitch/>
7. <http://www.pdfforge.org/pdfcreator>