Manual eduroam config

Windows Instructions

- 1. If eduroam was installed previously, the certificate is already installed and this will usually be the case. If the certificate is missing, refer to this artic le.
- 2. Check to see if eduroam needs to be forgotten
- 3. Go to Start menu and search for and select Network and Sharing Center (You can also find this through Control Panel)
- 4. Select Setup a New Network Connection



5. Select Manually Connect to a Wireless Network



- 6. Configure as follows: Network name: eduroam Security type: WPA2-Enterprise Encryption type: AES Uncheck the "Start Connection Automatically" box Select Next
- 7. Select Change Connection Settings
- 8. Select Connect automatically when this network is in range and select the Security Tab
- 9. Select Settings
- Configure as follows: Select Bethel University eduroam Root CA 2016 Enable Identity Privacy: anonymous Select Configure and make certain Automatically use my Windows logon name and password (and domain if any) is not selected

Click OK in this window.

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- 11. From the Network Properties window select Advanced Settings
 - a. Select the checkbox for Specify authentication mode
 - b. Select User authentication from the dropdown menu and click Save credentials
 - c. Have the user type in their username@bethel.edu and their MyBethel password
- 12. Select Ok on the Advanced Settings window and the Network Properties window and the computer should automatically connect to eduroam a. If it doesn't just select eduroam from the wireless list

If the manual config process above does not work, try the old installer: https://eduroam.bethel.edu/eduroam-configs/CAT/win.html This procedure is only used when the auto-configuration is unsuccessful. It involves the following steps: 1) remove the eduroamCAT app from the device, 2) download and install the certificate, 3) forget eduroam network and 4) configure for eduroam.

Locate the	eduroamCA	T app and	open it.				
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	Bible Study	Netflix		MON, N	IOV 14	· · ·	
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,	Dropbox	Gmail	G Maps	News & Weath	Google	Play Store	9
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2. Install the certificate. Using the phones web browser, go to eduroam.bethel.edu/root.crt

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	eduroam.bethel.edu/root.crt eduroam.bethel.edu/root.crt			

- a. When prompted, name the certificate Bethel eduroam
- b. Under "Credential use", select Wi-Fi



c. Select OK

3. Go to Settings and then Wifi by swiping down from the top of the screen to display settings



4. Select eduroam

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	On			•
•	Bethel-Guest Connected, no Internet			
•	eduroam Saved			
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a. If you see "Saved" underneath eduroam, select eduroam and choose "forget."

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\leftarrow	Wi-Fi					
	On					
•	Bethel-Guest Connected, no Internet					
Ta	eduroam Saved	eduroam				
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- 5. eduroam configuration, now that the profile has been removed and the network forgotten.
 - a. Click on eduroam in the Wifi settings and provide the following:

Δ	You may have to tap and hold until the op	otion to manage info appears. From there you can input these settings
i i' v V	 i. Identity: username@bethel.edu ii. Anonymous Identity: anonymous@beth ii. Password: Bethel password v. EAP method: PEAP v. Phase 2 Authentication: MSCHAPV2 ii. CA certificate: Bethel eduroam ii. Select "Save" 	nel.edu
♥ ■ ←	*● Wi-Fi	▲ 7 ■ 3:36 :
	On	
•	Bethel-Guest eduroam EAP method PEAP Phase 2 authentication MSCHAPV2 CA certificate Bethel eduroam identity Bethel Username@bethel.edu Anonymous identity anonymous@bethel.edu Password Bethel Password	
	Advanced options V	
	CANCEL SAVE	
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6. This completes the manual configuration. Select eduroam from the Wifi access point options.



Important Information

If the device does not connect to eduroam quickly (within 30 sec) turn off and turn on wifi on the device. If it still doesn't connect, then reboot.

Manual eduroam Configuration for Chromebooks

- 1. Open Chrome and go to eduroam.bethel.edu/root.crt (This will start an automatic download of the root certificate)
- 2. Go to Settings (bottom right corner)



1. Click on Manage Certificates

			_ 0	×
Settings	About Chrome OS	Search settings		
Language and input settings				
Offer to translate pages that aren't in a language you read. Manage language you read.	anguages			
Downloads				
Download location: Downloads	Change			
Ask where to save each file before downloading				
Disconnect Google Drive account				
HTTPS/SSL Manage certificates				
Google Cloud Print				
Set up or manage printers in Google Cloud Print. Learn more				1
manage				
Show notifications when new printers are detected on the network				. 1
On startup				
Open the New Tab page				
Continue where you left off				. 1
Open a specific page or set of pages. Set pages				
Accessibility				
Add additional accessibility features				
Enable accessibility features to make your device easier to use. Learn mo	ore			

1. Go to the Authorities tab

Certificate manager	×
Your Certificates Servers Authorities Others	
You have certificates from these organizations that identify you:	
View Import Import and Bind to Device Export Delete	
	Done

1. Import the "Bethel University eduroam Root CA 2016" certificate from the Downloads folder

Certificate manager	×
Your Certificates Servers Authorities	Others
You have certificates on file that identify th	ese certificate authorities:
👻 🗁 AC Camerfirma S.A.	
Chambers of Commerce Root - 2	2008
Global Chambersign Root - 2008	3
👻 🗁 AC Camerfirma SA CIF A82743287	
Chambers of Commerce Root	
Global Chambersign Root	
- CCV	
ACCVRAIZ1	
👻 🗁 Actalis S.p.A./03358520967	
Actalis Authentication Root CA	
View Edit Import Expor	t., Delete
	Done

1. Make sure to check all three trust boxes

Certificate authority	×				
Do you want to trust "Bethel University eduroam Root CA 2016" as a Certification Authority? Edit trust settings:					
 Trust this certificate for identifying websites. Trust this certificate for identifying email users. Trust this certificate for identifying software makers. 					
OK Cancel					

Open the Wifi settings and connect to eduroam. Fill in the information just like below.
 a. Identity: = Bethel username (Do not include @bethel.edu)

Join Wi-Fi network		×
SSID:	eduroam	
EAP method:	PEAP 🔻	
Phase 2 authentication:	MSCHAPv2 -	
Server CA certificate:	Bethel University eduroam Root CA 2016 [Be 🔹	
Subject Match:		
User certificate:	None installed 🔹	
Identity:	aaa00000	
Password:	****	\odot
Anonymous identity:	anonymous@bethel.edu	
	 Save identity and password 	
	Share this network with other users	
	Connect	cel

Click Connect and you should be done

 a. Note: If it says "Out of Range", try disconnecting from all networks -> restart -> then reconnect to eduroam