

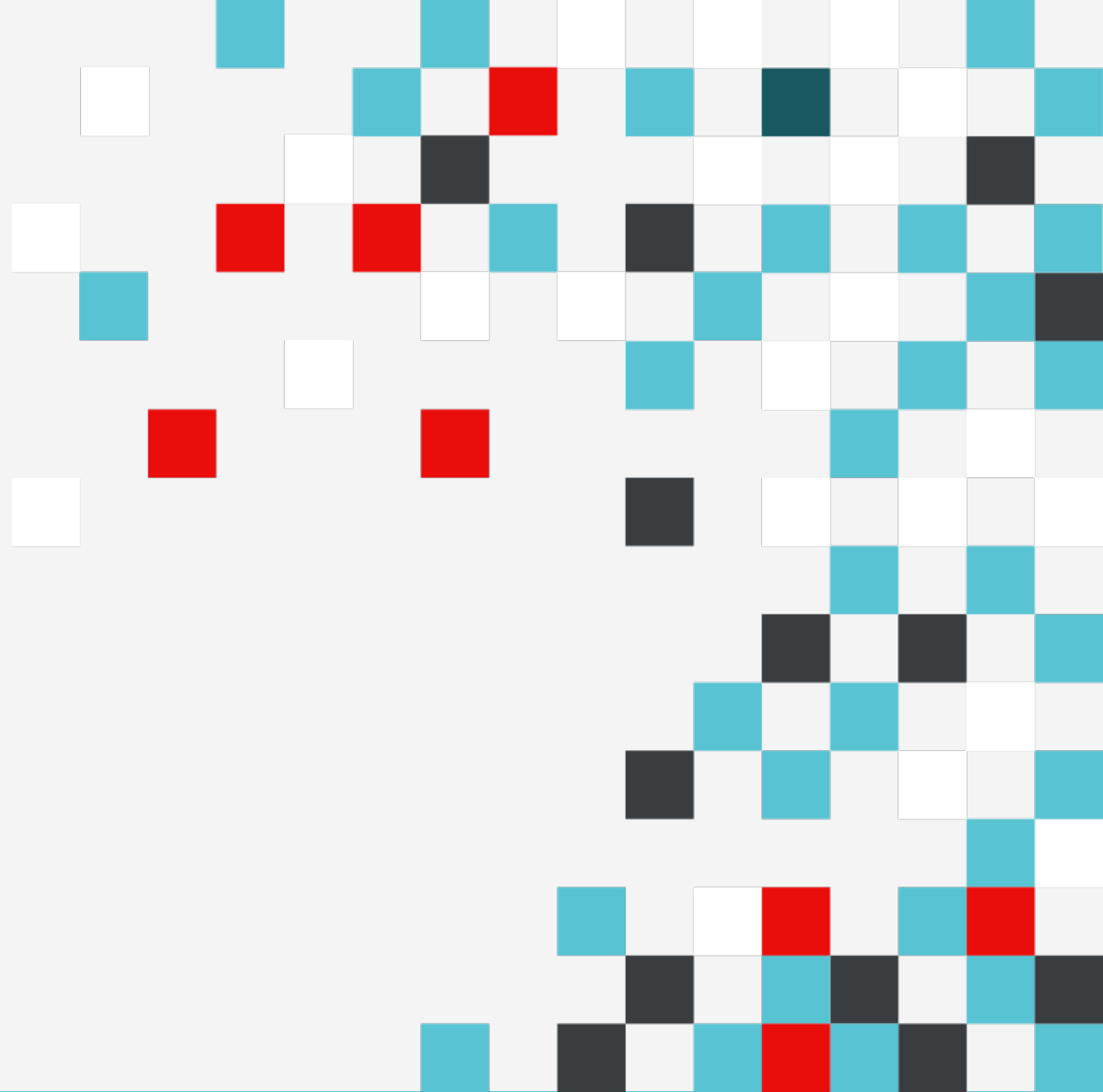
canarie



# Securing the ability to study or work wherever: Edmonton Public Library

November 8, 2022

Cyber Summit 2022 | Banff, Alberta



# Presenters



May Lynn Lee  
CYBERA



Brittany Watt  
EDMONTON PUBLIC LIBRARY (EPL)

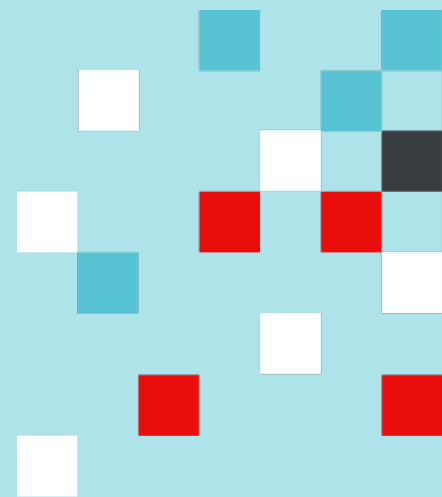
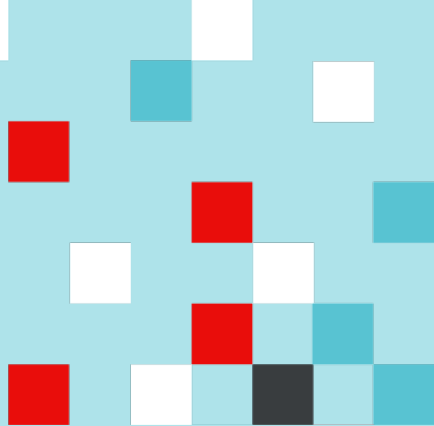


Christina Colangelo  
CANARIE



# Whenever, Wherever

-Shakira, 2001



# eduroam

**What is it?**

**Why use it?**

**Is it secure?**



# Edmonton Public Library's eduroam experience

**Implementation**

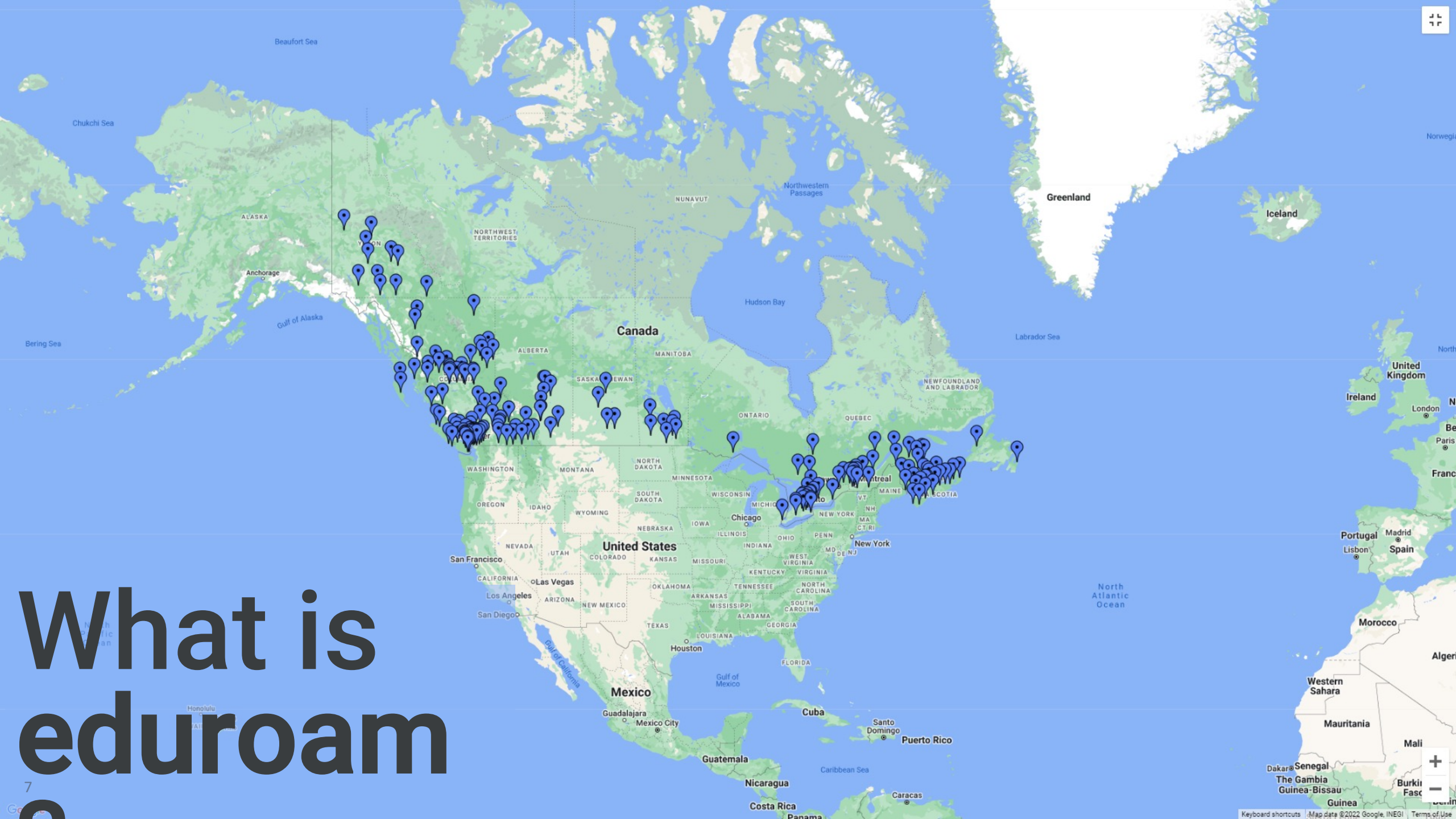
**Impact**





# What is eduroam?

# What is eduroam





# Why eduroam?



# Why eduroam?



**Visiting Staff + Students**  
(local and international)

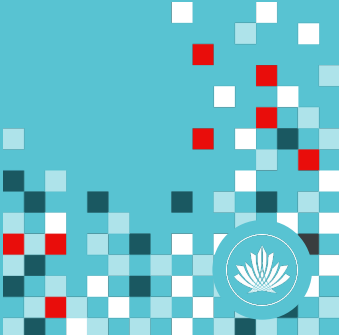
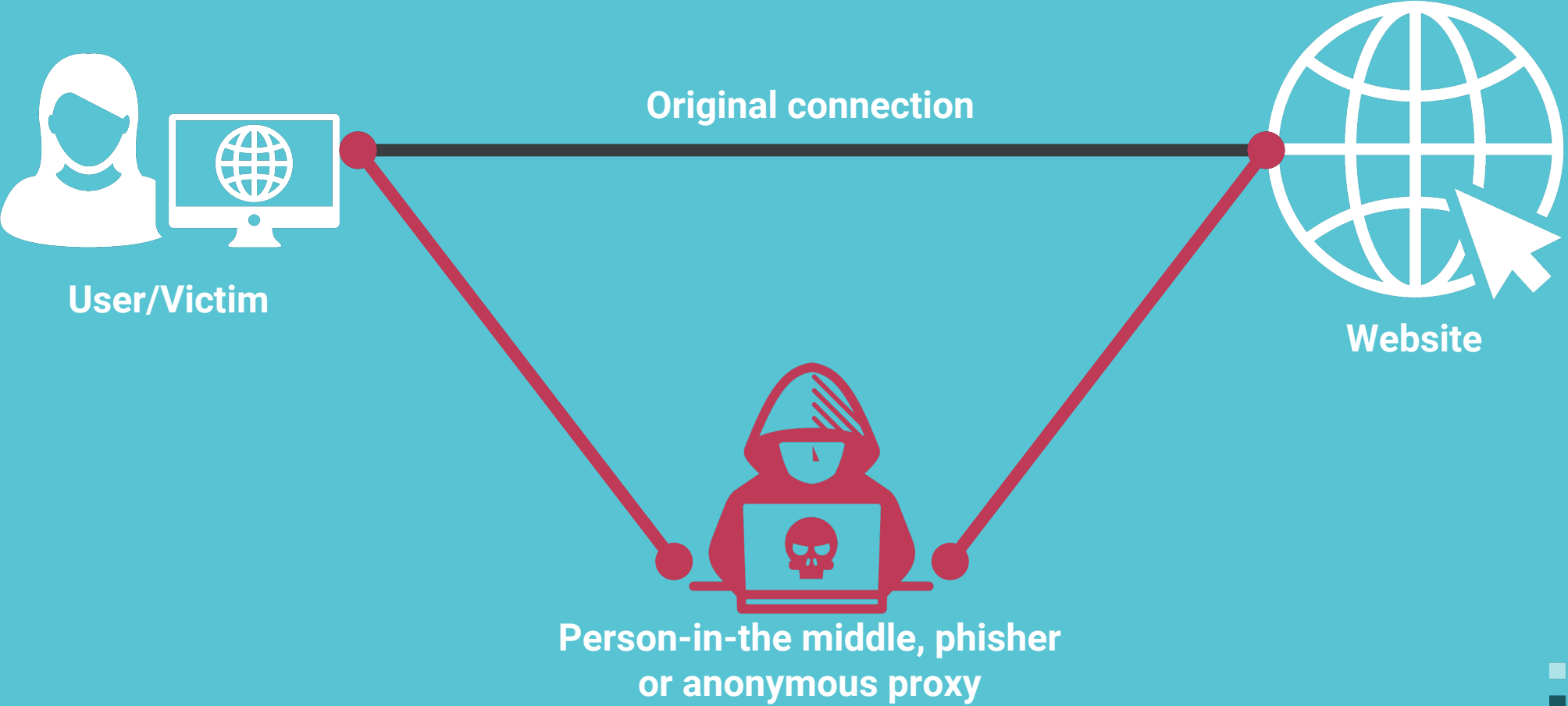


**Smart Cities**



**Security**

# eduroam + Cybersecurity



# eduroam + EPL



**Where did the idea  
come from?**



**How did it get  
approved?**



**What were the keys  
to implementation?**



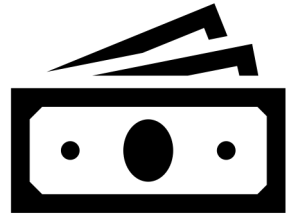
# How to get eduroam

# eduroam implementation | EPL



## Team

- One person from EPL  
+
- CANARIE team



## Cost

- Time of EPL staff
- No new infrastructure



## Time

- Less than one day
- Set up the RADIUS server and build network
- Not long; back-and-forth took time



## Maintenance

- Set it and forget it
- Random health checks



By the numbers...

OCTOBER

30,918

Successful Authentications



By the numbers...

OCTOBER

122,274

sessions, which used

43.12TB

of data



By the numbers...

OCTOBER

412 days

combined spent time of on eduroam

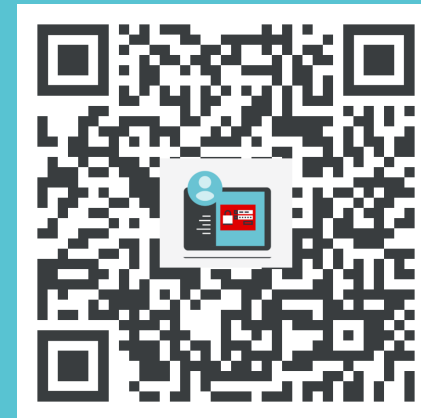




# WANT TO PROVIDE THIS SERVICE TO YOUR USERS?

Join the Canadian Access Federation (CAF) for free and let's get it started!

Contact your NREN partner!



# What else is out there?



## CAF

Trust framework for managing digital identities in higher ed & research.

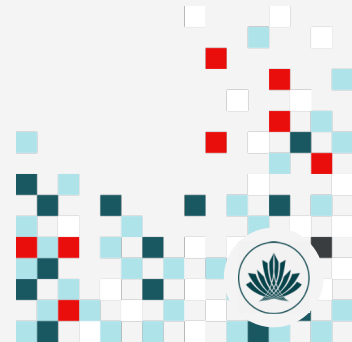
## FIM

Use your home institution's login to securely + connect with over 2,900 global services, resources, and scientific facilities.



## eVA

Easy-to-use tool to create user accounts for visitors.



# A little note on CAT(s)...

## **ACTIVATE**

To get enhanced protection against cyber threats.

## **PROMOTE**

Because you're only as secure as your most vulnerable user.

## **ENJOY!**

The peace of mind that comes from secure Wi-Fi



**Easy and secure.  
eduroam everywhere.**

# Contact Us



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