



# Schools' Workshop

eduroam  
Managed IdP  
Home Links

15<sup>th</sup> – 18<sup>th</sup> May, 2023

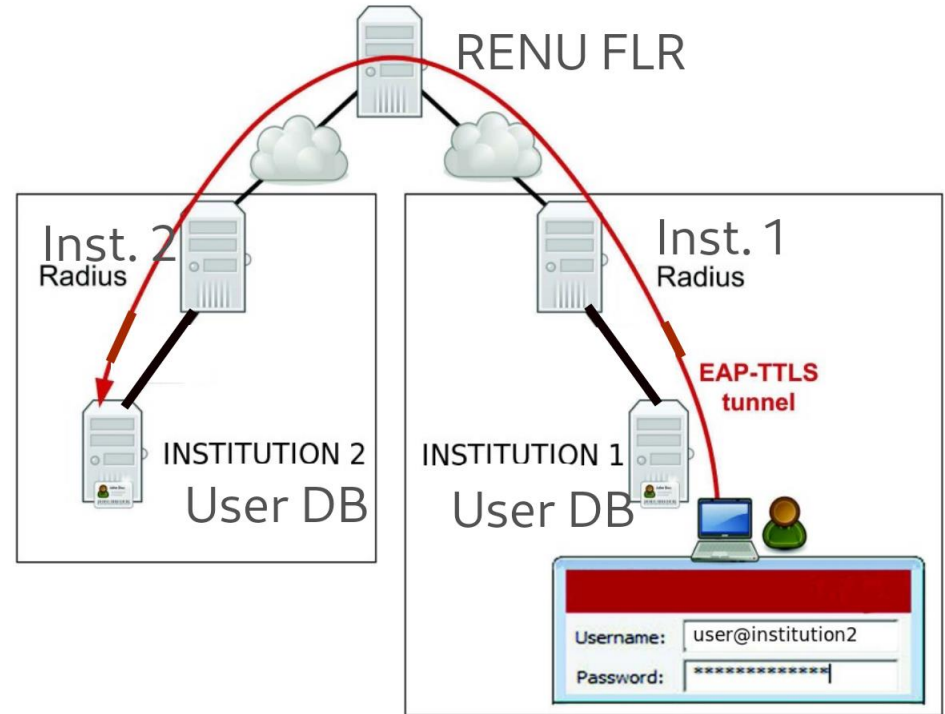
Presented by: Kawuma Daniel

## Outline

- How eduroam works
- eduroam challenges
- Why Managed IdP
- Email Hosting
- QnA

# How eduroam works...

- ❖ Individuals use their institutional credentials
- ❖ The institutional RADIUS server does the authentication
- ❖ The host institution RADIUS server does the authorization





# eduroam challenges



- ❖ Lack of resources to operate the required services.
- ❖ Lack of in-house technical capacity to manage the services.





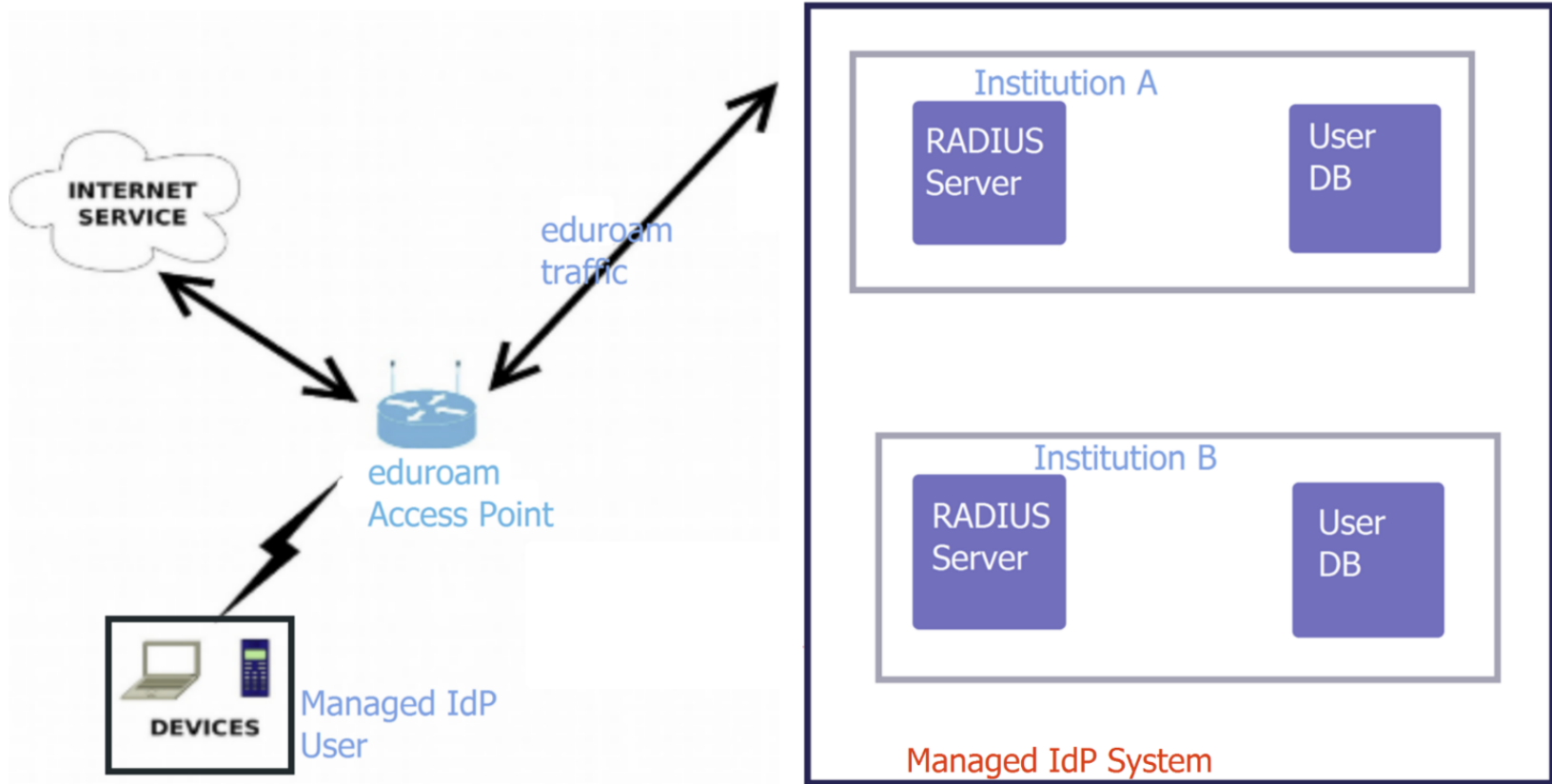
# Managed IdP

# Managed IdP

- ❖ eduroam challenges birthed managed IdP.
- ❖ eduroam requires that all participating institutions have an IdP.
- ❖ An IdP - RADIUS server and a User Database.
- ❖ **Made for mainly schools**



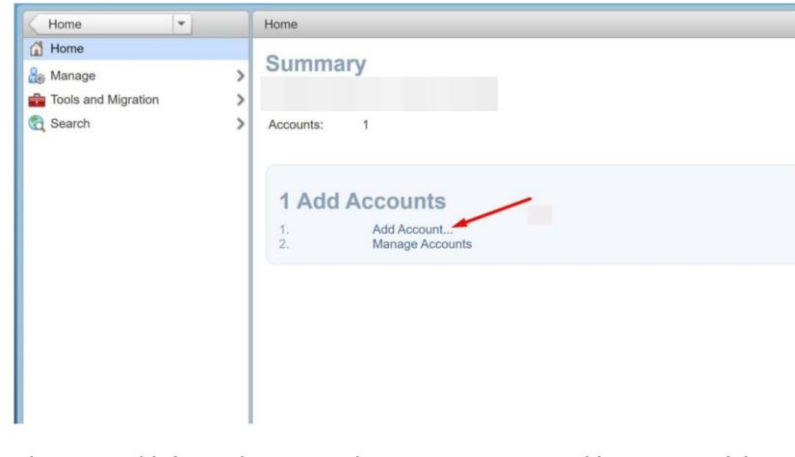
# Managed IdP



# Why Managed IdP

- ❖ Outsourcing the technical capacity
- ❖ No need to hire a technical resource
- ❖ Only focus on your users.
- ❖ Short setup duration

- ❖ Web-based interface
- ❖ Bring any domain





# Why Managed IdP



- ❖ Service setup and configuration lasts less than 2 hrs
- ❖ 134 institutions enrolled.
- ❖ Guides for a quick start to the service are also shared
- ❖ 112 schools – AP donations

A celebratory banner for eduroam with a blue background and gold confetti. It features a photo of a young woman and man smiling. The text 'Congratulations upon joining eduroam' is prominently displayed. A table lists 20 schools. The RENU logo and website URL are in the top corners, and the tagline 'Enabling Research & Education Collaboration' is at the bottom.

**Congratulations**  
upon joining **eduroam**

Bishop's Senior School Mukono	Duhaga High School
Gombe High School	Wampeewo Ntakke Secondary School
Gombe Junior School	Acacia International School (AIS) Junior
Kansanga Seed Secondary School	Acacia International School (AIS) Senior
Kibuli Secondary School	Busega Community School of the Deaf and Blind
Kitante Hill School	Ebenezer Primary School
Luzira Secondary School	Kitebi Secondary School
Makerere College School	Kyambogo College School
Mengo Senior School	Light of Life Christian School
Nabisunsa Girls School	MST Junior Academy
Ndejje Senior Secondary School	Seeta High School
St. Mary's College Kisubi	

Enabling Research & Education Collaboration



**eduroam**

**Are you a Student, Researcher or University Staff?**

Covid-19 has pushed us off campus, and reliable off-campus connectivity is a problem.

**eduroam has now gone beyond your campus borders.**

Look out for the eduroam Wi-Fi network in your neighborhood.

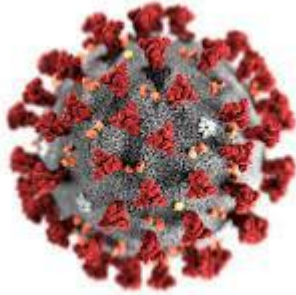
Free, simple, seamless connection at your convenience.

[www.renu.ac.ug](http://www.renu.ac.ug)      **SECURE & TRUSTED**



The advertisement has a blue background with a red diagonal line. It features a photo of two women looking at a laptop. At the bottom right, there is a decorative pattern of small white dots.

# Why Metro eduroam...



Covid 19

Institutions



RENU

## What is Metro eduroam?

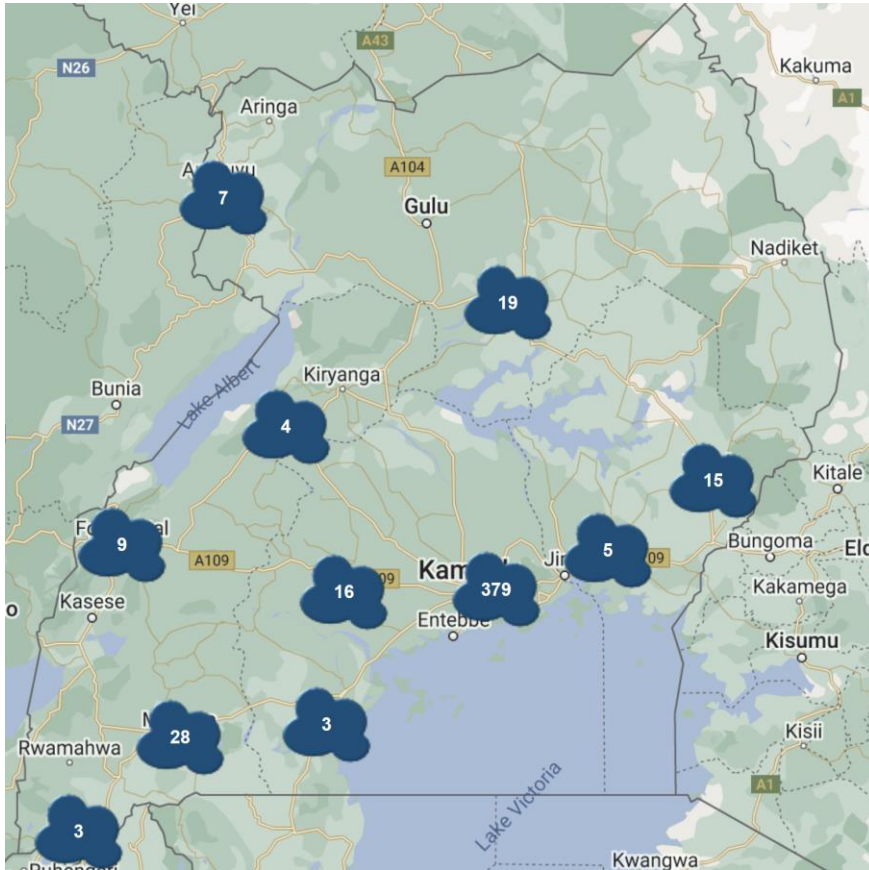
- Off campus wifi roaming
- Introduced in Sept 2020
- Intended to break boundaries



# Metro eduroam

- 488 hotspots across the country
- Initial deployed in metropolitan area but now it is extended to different parts of the country
- Upcountry deployment - Jan 2022

# eduroam map – eduroam.renu.ac.ug



The advertisement features a man in a checkered shirt and blue tie pointing towards the camera. He is holding a smartphone that displays the eduroam Spot app interface. The app screen shows the RENU logo, a search bar with the text "eduroam near me", and a "Home" button. Surrounding the phone are icons for a bell, a speech bubble, a Wi-Fi signal, and a WhatsApp icon. The background is a light blue gradient with a grid pattern.

**eduroam Spot**

**Locate the nearest eduroam hotspot in seconds**

Get the eduroam Spot App Now!

[www.renu.ac.ug](http://www.renu.ac.ug)



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Download From





  
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**Did you know?**



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# Email Hosting as a service...

- ❖ Organizational/Institutional email.
- ❖ affordable and quick setup.
- ❖ technical support from setup to management.
- ❖ “Automatic” enrollment to Managed IdP







Thank You