

REANNZ LUNCH '19 – 12TH JUN 19

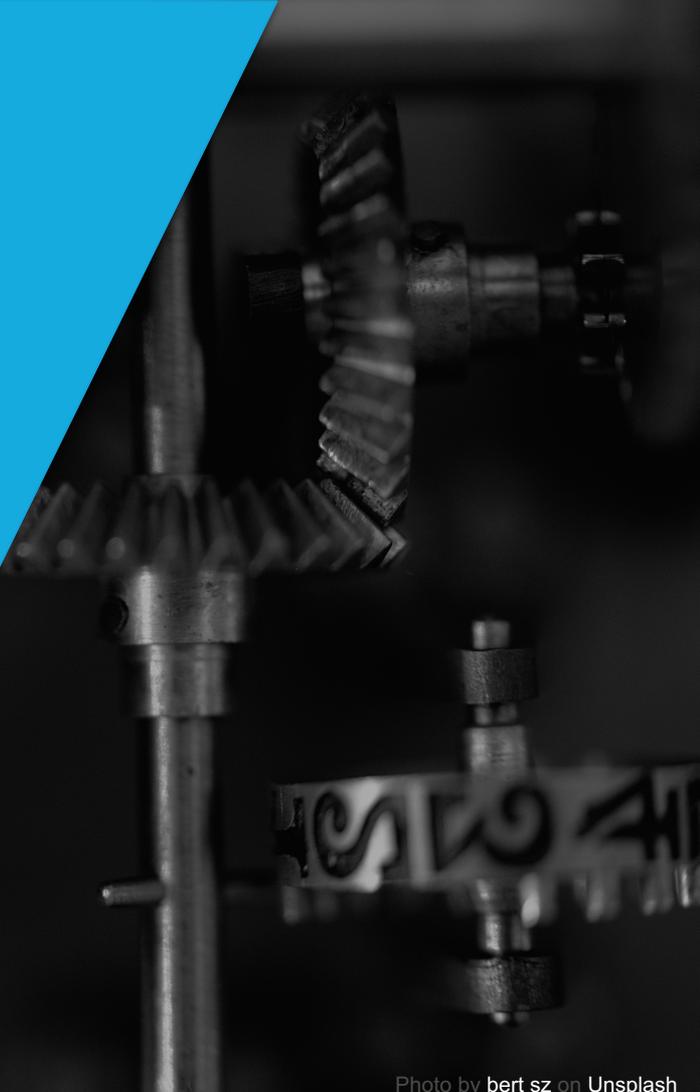
EDUROAM UPDATE

BIG NUMBERS, NEW TOOLS, GLOBAL REACH

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REANNZ



EDUROAM UPDATE



- It's "eduroam"
- Global Coverage
- Local Coverage And Statistics
- Deployment Suggestions
- eduroam Configuration Assistance Tool (CAT)
- eduroam Managed IdP
- eduroam Apps
- eduroam Mailing Lists And Future Communications

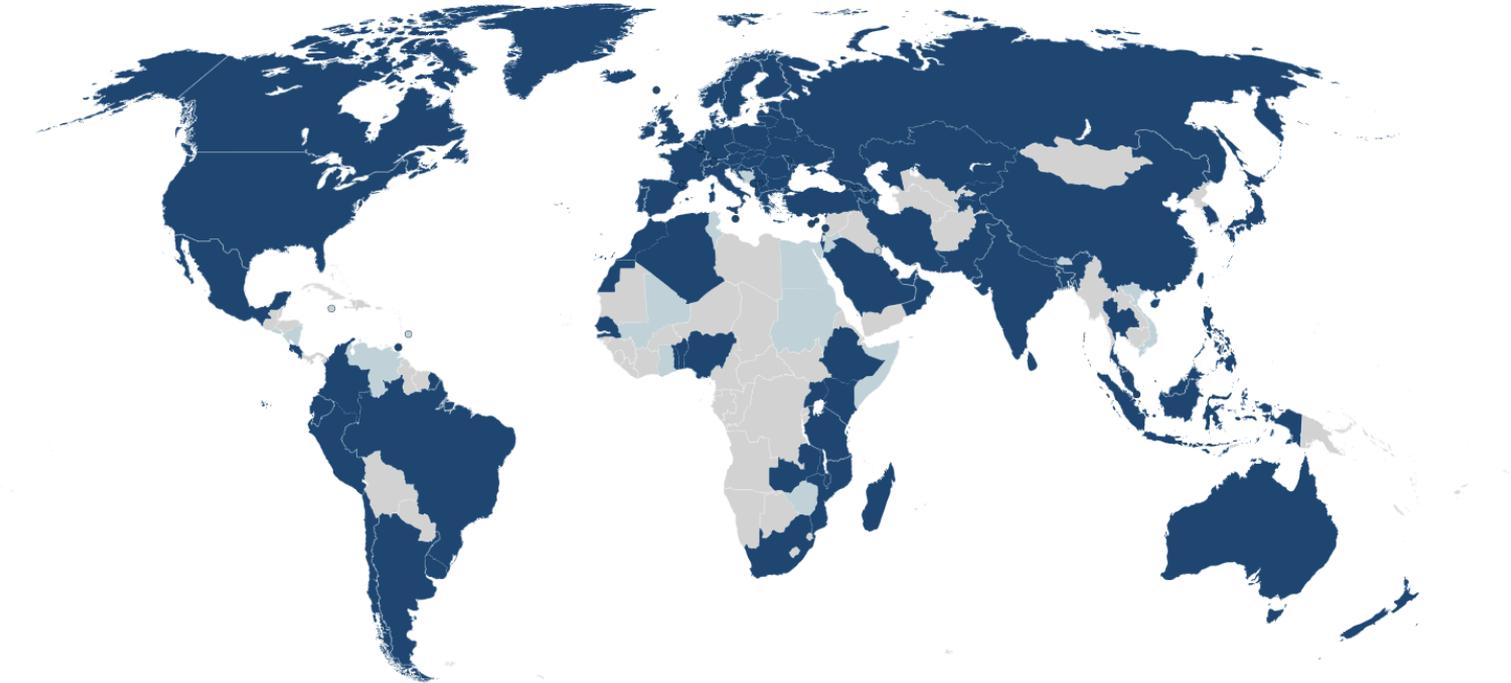
INTRODUCTION

TERMINOLOGY

- IdP : Identity Provider
- SP : Service Provider
- Realm : Your Canonical Name (example.ac.nz)
- NRO : National Roaming Operator (REANNZ)

GLOBAL COVERAGE

HOW MANY COUNTRIES AND TERRITORIES?



LOCAL COVERAGE

WHERE IN NEW ZEALAND?

- <https://member.eduroam.net.nz> OR
- eduroam Companion



LOCAL COVERAGE

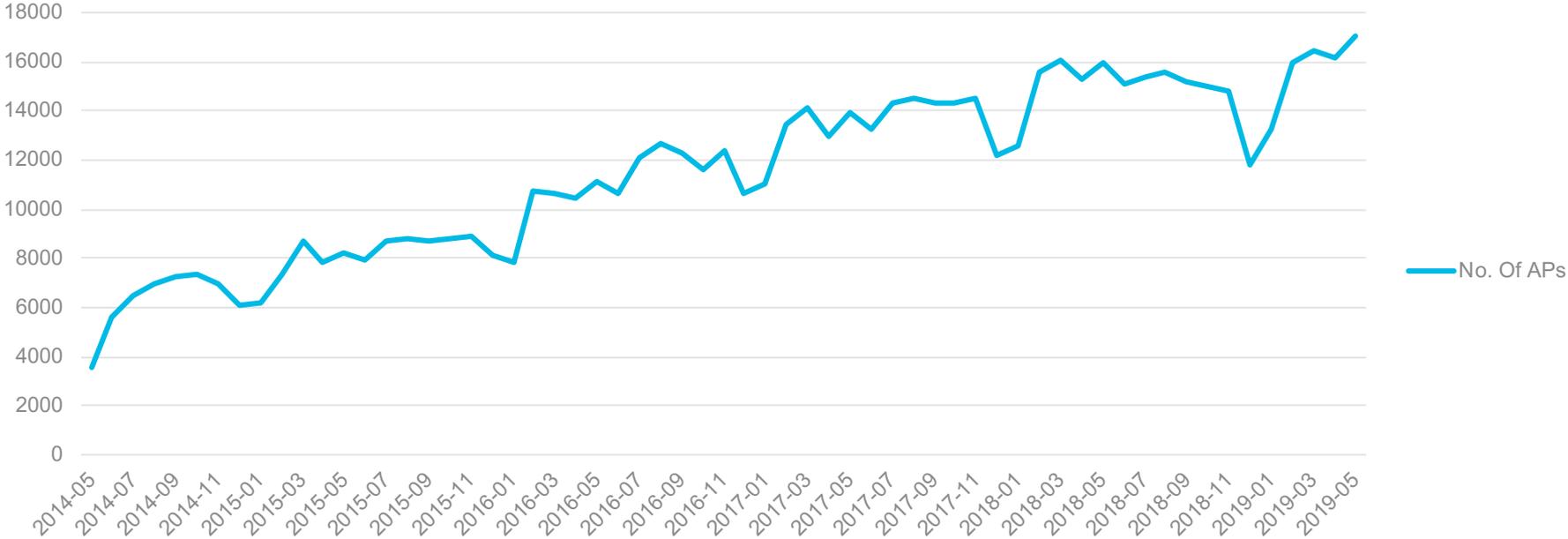
WHO IN NEW ZEALAND

- Universities : 7
- Crown Research Institutes : 5
- Institutes Of Technology, Polytechnics And Wānanga : 7
- Education Sector : 4
- Innovation : 4
- SP : 3
- **TOTAL : 30**

LOCAL STATISTICS

NUMBER OF ACCESS POINTS

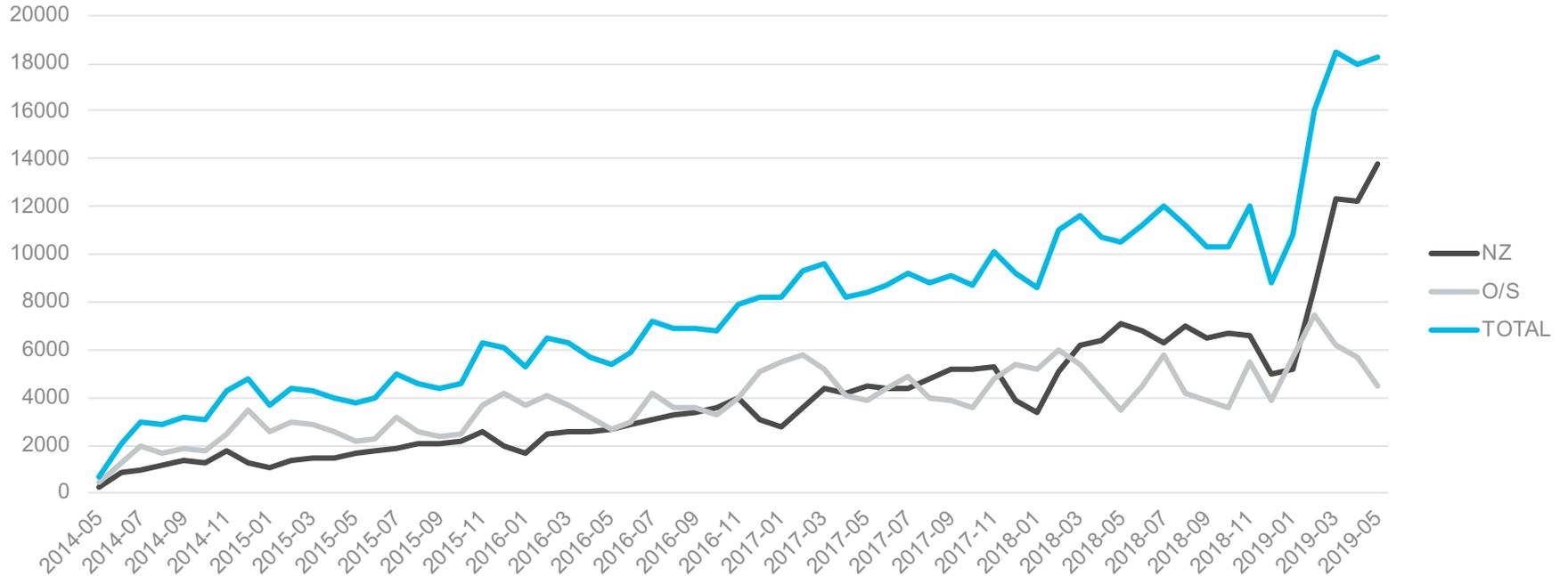
Monthly Count Of Unique APs On New Zealand eduroam Network



LOCAL STATISTICS

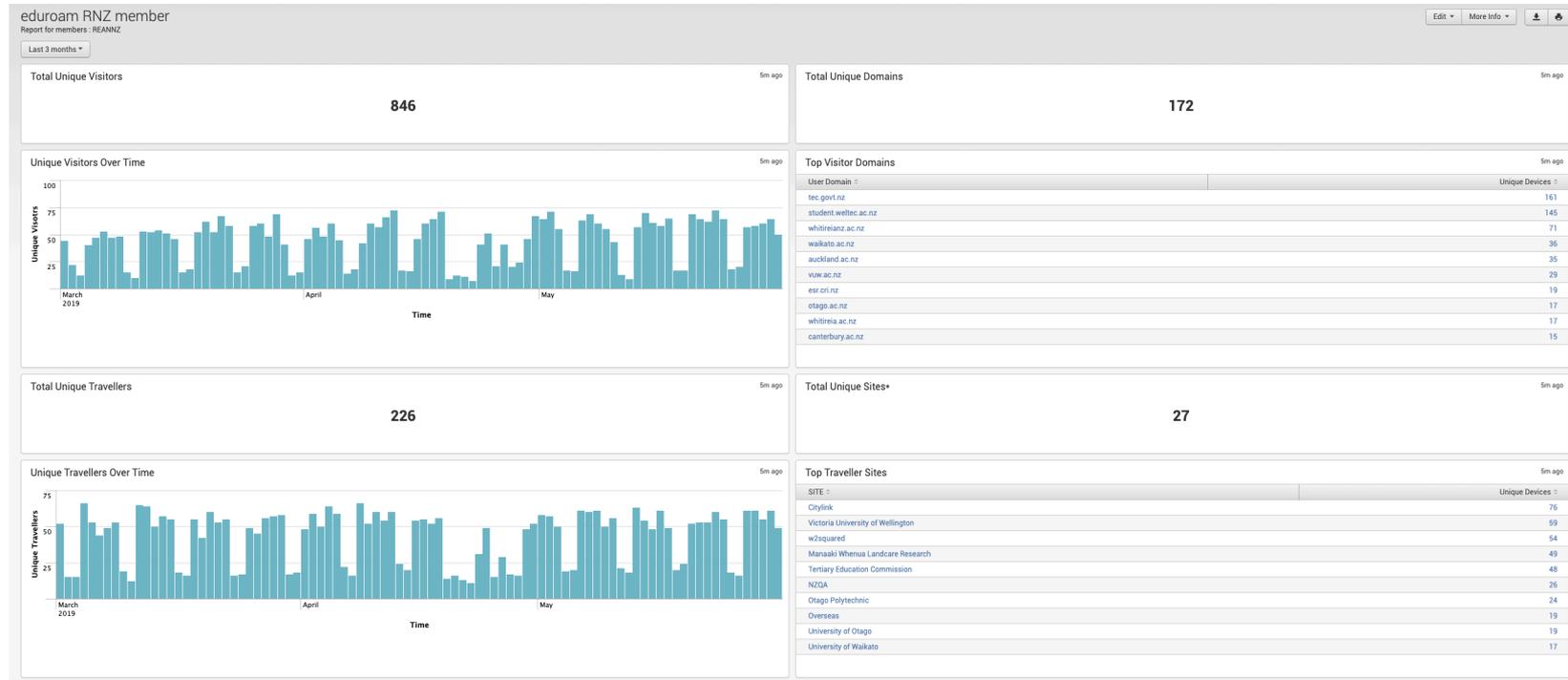
NUMBER OF DEVICES CONNECTING TO EDUROAM

Monthly Count Of Devices Connecting On New Zealand eduroam Network



LOCAL STATISTICS

MEMBER STATISTICS - REANNZ



DEPLOYMENT SUGGESTIONS

DO YOU NEED THAT SSID?

Welcome To The University Of Example, Please Select An SSID

- UOE_Guest
- UOE_Staff
- UOE_Students

DEPLOYMENT SUGGESTIONS

DO YOU NEED THAT SSID?

Welcome To The University Of Example, Please Select An SSID

- UOE_Guest
- UOE_Staff
- UOE_Staff_Academic
- UOE_Staff_Visiting
- UOE_Students_Undergraduate
- UOE_Students_Postgraduate

DEPLOYMENT SUGGESTIONS

HAVE YOU CONSIDERED EDUROAM EVERYWHERE?

Welcome To The University Of Example, Please Select An SSID

- eduroam
- UOE_Guest

EDUROAM CONFIGURATION ASSISTANT TOOL (CAT)

WHAT IS IT? WHO NEEDS IT?

“It’s a tool to streamline the enrolment of users into eduroam”

“Any institution or user can benefit from using CAT”

EDUROAM CONFIGURATION ASSISTANT TOOL (CAT)

HOW DOES IT WORK?

- Built by GÉANT, Available To The R&E Community Via Your NRO
- You Configure Your Institutional Settings
- Either
 - Your users download signed eduroam settings appropriate for their device
OR
 - Your ITS team install the configuration as part of a build process
- Certificates Automatically Installed To Improve Security

EDUROAM CONFIGURATION ASSISTANT TOOL (CAT)

WHAT OPTIONS DOES IT OFFER

It Should Support Almost Any Use Case

- Multiple Realms
- Multiple SSIDs
- Helper SSIDs / Self Service Captive Portals
- Anonymous Outer Identity
- Error Checking Of User Entered Fields
- Helpdesk Contacts
- Wired Ethernet

EDUROAM CONFIGURATION ASSISTANT TOOL (CAT)

WHAT IS THE USER EXPERIENCE LIKE?

The image displays three sequential screenshots of the eduroam Configuration Assistant Tool (CAT) website, illustrating the user experience flow:

- First Screenshot:** The homepage features the eduroam logo and the text "Configuration Assistant Tool". A large heading reads "Welcome to eduroam CAT" followed by "Connect your device to eduroam®". Below this, it states "eduroam® provides access to thousands of Wi-Fi hotspots around the world, free of charge. [Learn more](#)". A prominent blue button says "Click here to download your eduroam® installer".
- Second Screenshot:** A modal window titled "Organisation" is open, prompting the user to "Select your organisation". It lists several options: REANNZ (New Zealand, 103 km), Whitireia New Zealand (New Zealand, 102 km), WelTec (New Zealand, 102 km), and Ministry of Education (New Zealand, 103 km). A search bar is provided with the placeholder "or search for an organisation, for example University". A link says "Help, my organisation is not on the list". At the bottom, there is a location setting for "New Zealand" and a "show all countries" option.
- Third Screenshot:** The REANNZ option is selected, and the page displays "REANNZ" with a "select another" link. Below this, it provides direct assistance: "If you encounter problems, then you can obtain direct assistance from your organisation at:" followed by the email "help@reannz.co.nz". A section for "Android 8.0 Oreo" is also visible.

At the bottom of the website, there is a footer with the following information:

- eduroam CAT - Release CAT-2.0.1 © 2011-2019
- eduroam® Privacy Notice
- GEANT logo
- European Commission logo
- Disc Juice © UNINETT
- eduroam® CAT - Release CAT-2.0.1 © 2011-2019 GEANT Association on behalf
- eduroam® Privacy Notice
- GEANT logo
- European Commission logo
- European Commission Network Content Technology logo

EDUROAM CONFIGURATION ASSISTANT TOOL (CAT)

HOW DO I GET STARTED?



WHAT IS IT? WHO NEEDS IT?

“a managed eduroam IdP As A Service to enable smaller member organisations to benefit from eduroam”

“any member organisation who lacks the technical or infrastructure capability to manage their own eduroam IdP”

HOW DOES IT WORK?

- Provided To The R&E Community By GÉANT Via Your NRO
- Server Infrastructure Hosted And Managed By GÉANT
- User Management By Institution
- Limit Of 200 Users Per Institution
- Limit Of 10,000 Per Country
- No Integration With External Sources Of Truth

HOW DO I GET STARTED?

- Contact REANNZ
- Configure Your IdP
- Upload Users By .CSV
- Deploy Via eduroam CAT

EDUROAM APPLICATIONS

AVAILABLE FROM YOUR APPS STORE

eduroam Companion

- Shows Closest eduroam AP
- Available For Android / IOS

eduroam CAT

- Helper Application To Install CAT Configurations Onto Android
- Only Required For Android

EDUROAM COMMUNICATIONS

MAILING LISTS / NEWSLETTER

Two Existing Mailing Lists

- eduroam-announcements
- eduroam-operators
- Not in use. Useful?

Do You Receive The REANNZ Newsletter?

THE END

QUESTIONS?

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help@reannz.co.nz

Photo by [bert sz](#) on [Unsplash](#)



REANNZ