EDUROAM UPDATE

BIG NUMBERS, NEW TOOLS, GLOBAL REACH

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REANNZ
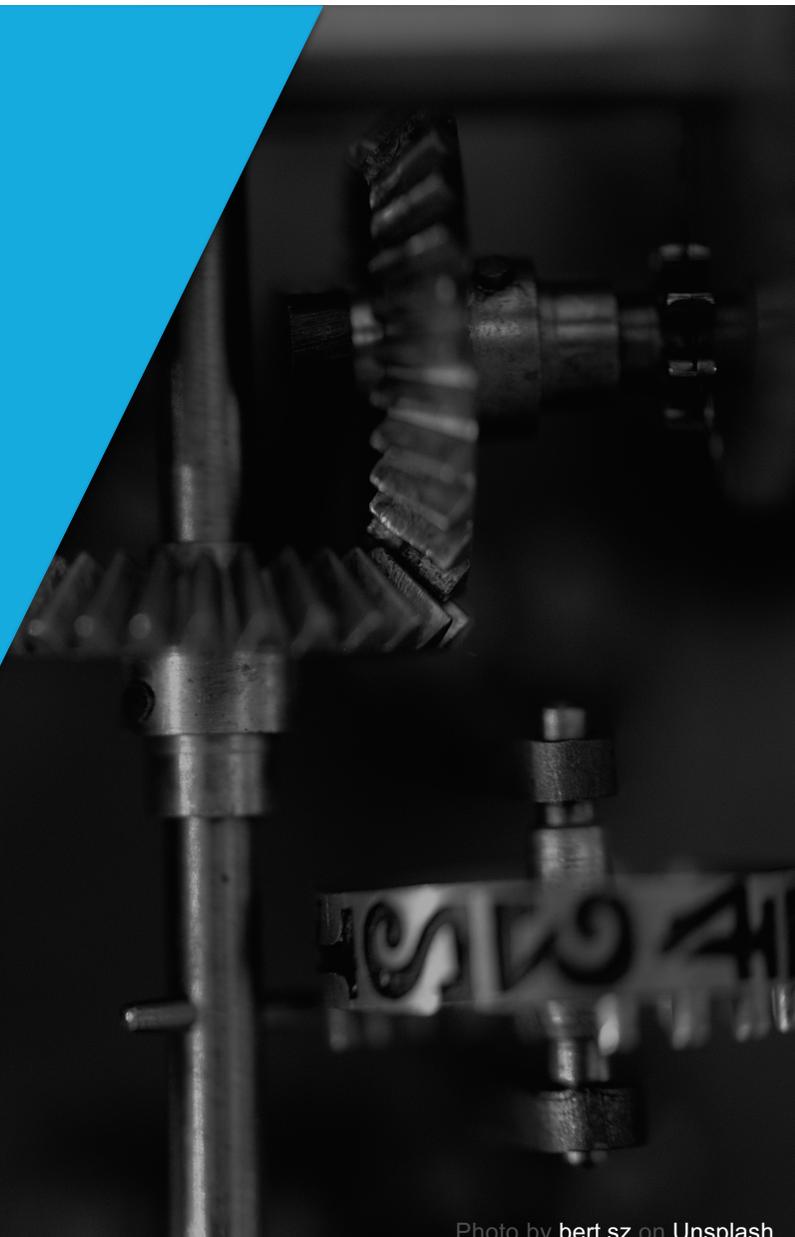
EDUROAM UPDATE

- It's "eduroam"

- Global Coverage

- Local Coverage And Statistics

- Deployment Suggestions

- eduroam Configuration Assistance Tool (CAT)

- eduroam Managed IdP

- eduroam Apps
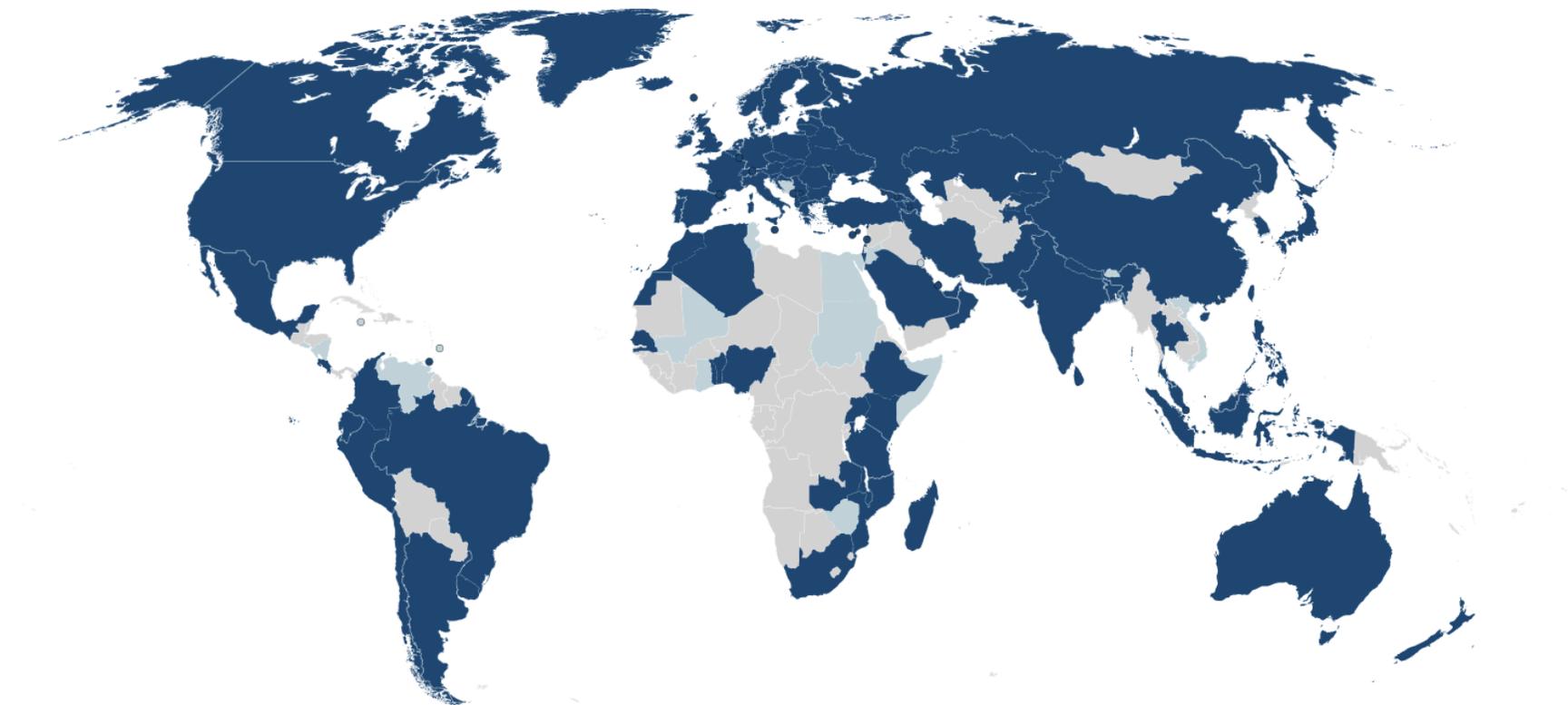
- eduroam Mailing Lists And Future Communications

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?

WHERE IN NEW ZEALAND?
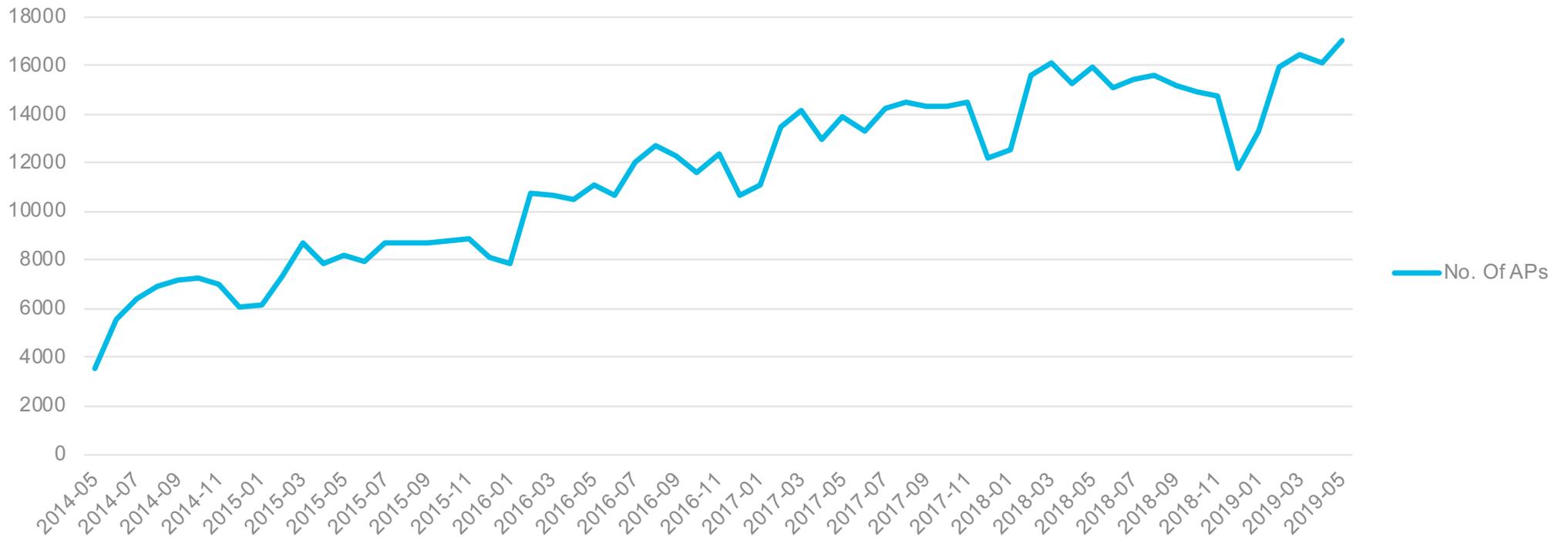
- https://member.eduroam.net.nz OR
- eduroam Companion

WHO IN NEW ZEALAND

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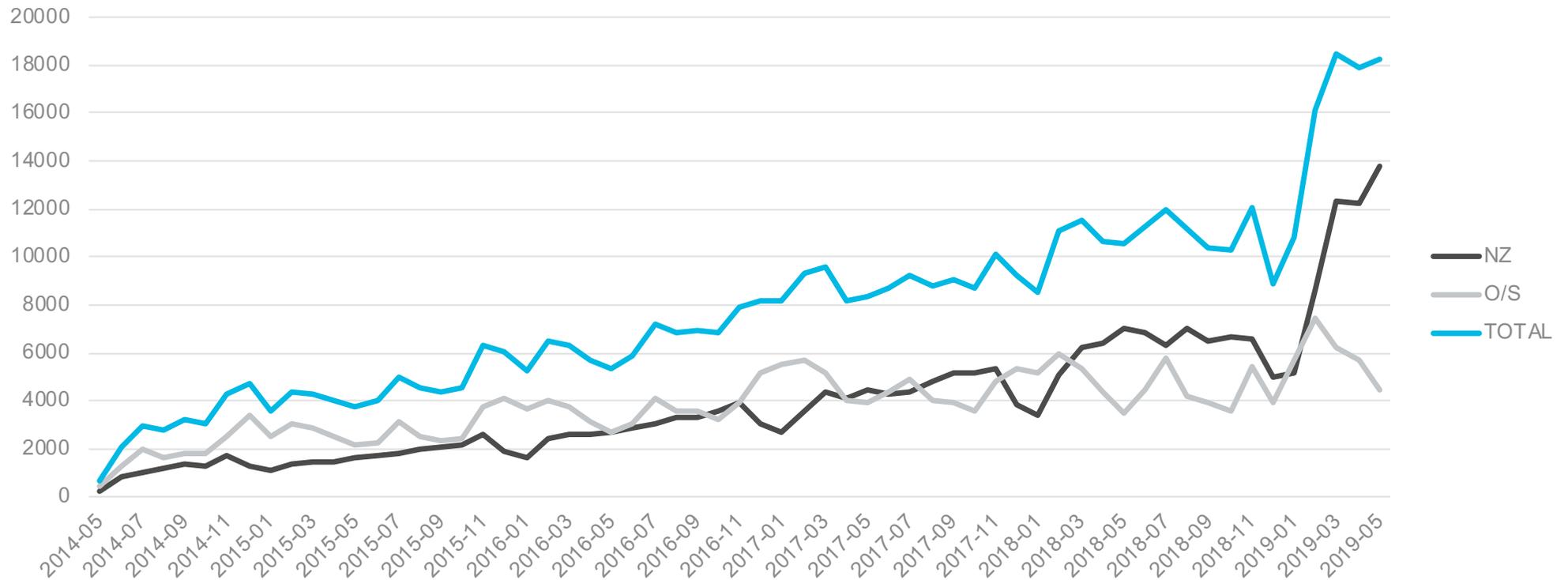- **TOTAL : 30**

LOCAL STATISTICS

NUMBER OF ACCESS POINTS

Monthly Count Of Unique APs On New Zealand eduroam Network

NUMBER OF DEVICES CONNECTING TO EDUROAM

Monthly Count Of Devices Connecting On New Zealand eduroam Network

LOCAL STATISTICS

MEMBER STATISTICS - REANNZ

DO YOU NEED THAT SSID?

Welcome To The University Of Example, Please Select An SSID

- UOE_Guest

- UOE_Staff

- UOE_Students

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

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
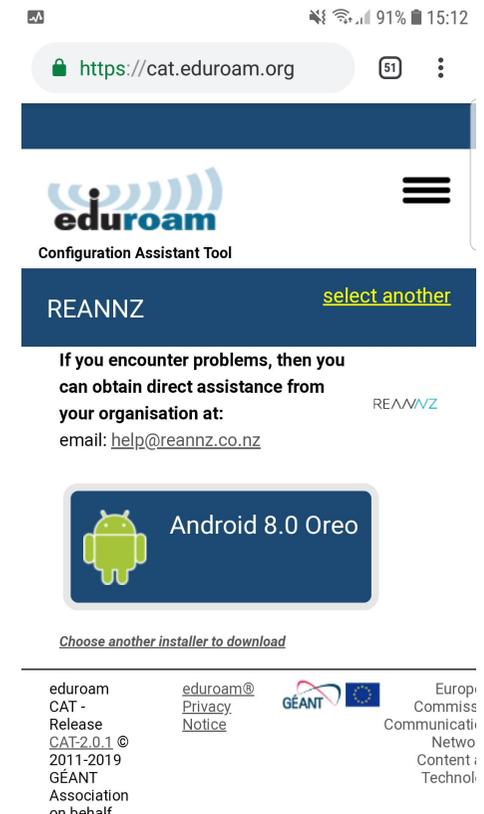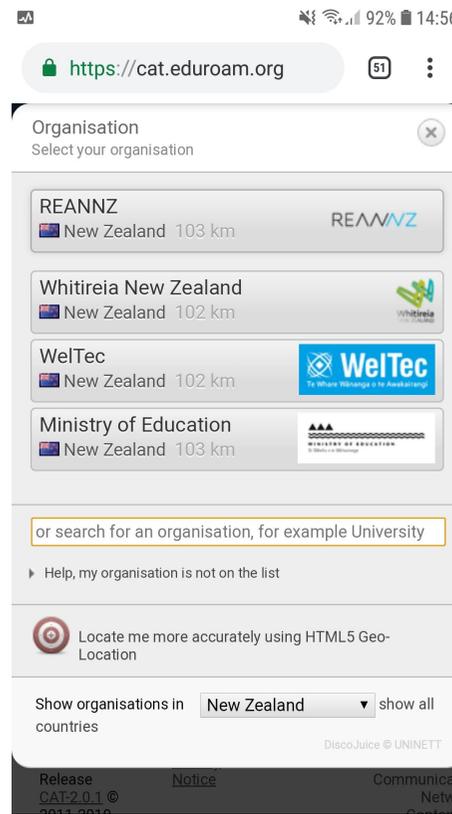
EDUROAM CONFIGURATION ASSISTANT TOOL (CAT)

WHAT OPTIONS DOES IT OFFER
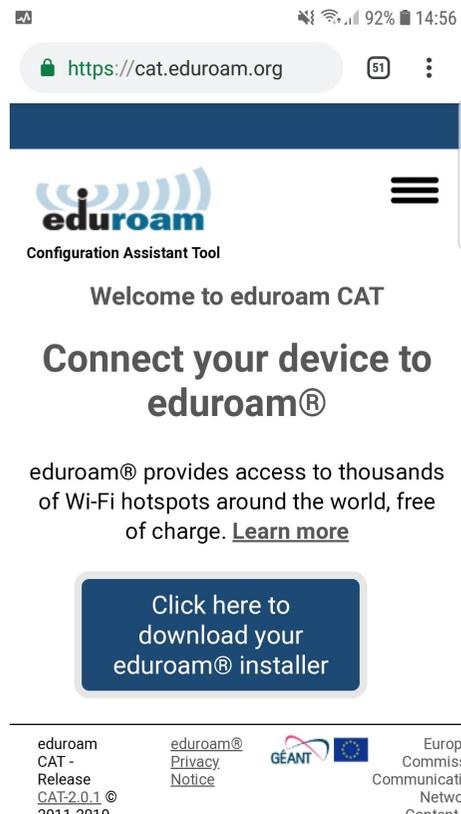
It Should Support Almost Any Use Case

- 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?

EDUROAM CONFIGURATION ASSISTANT TOOL (CAT)

HOW DO I GET STARTED?

EDUROAM MANAGED IDP

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

EDUROAM MANAGED IDP

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

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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