

# eduGAIN Service Update



**REFEDS 44th meeting**  
**June 13th 2022**

Davide Vaghetti (GARR)

- A few stats
- eduGAIN new key
- eduGAIN Service development
- eduGAIN Reporting
- eduGAIN Futures support

# eduGAIN Participants & Entities - 2016-2022

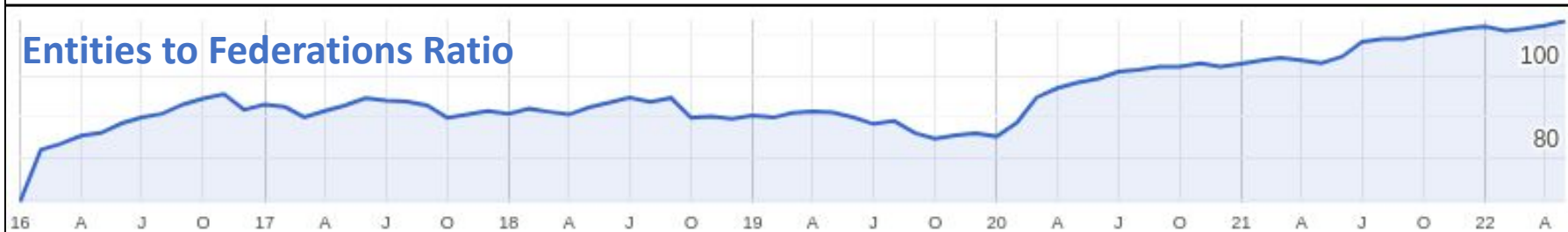
## Entities



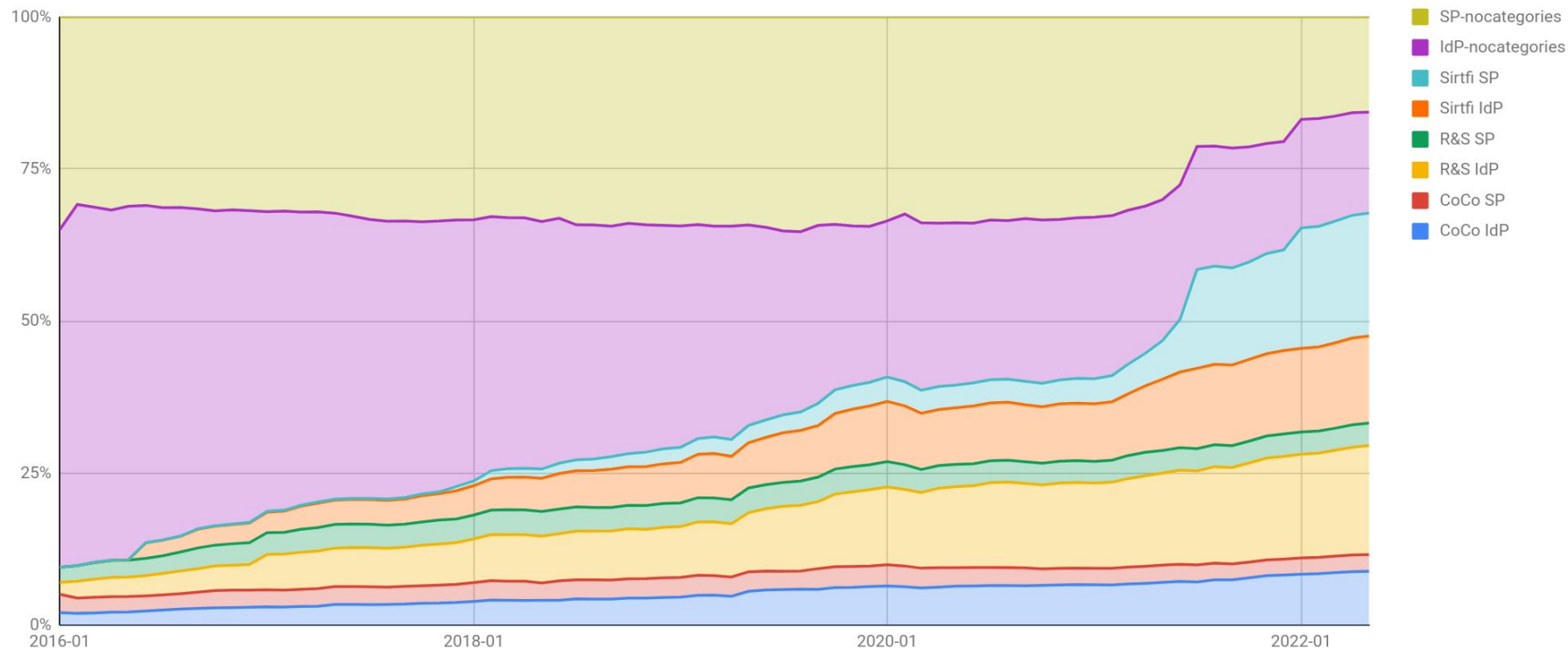
## Federations



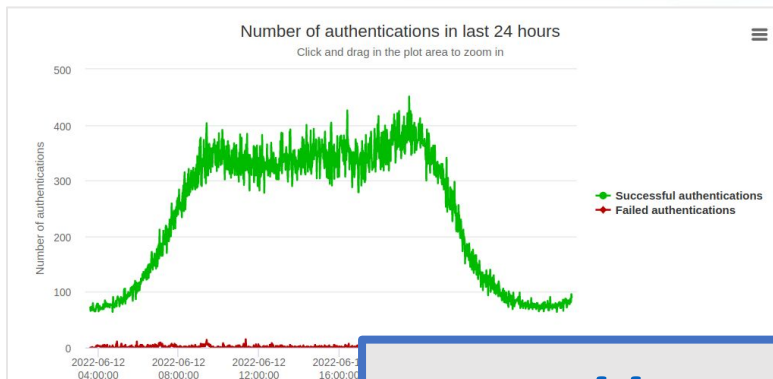
## Entities to Federations Ratio



# Entity Categories implementation and support 2016-2022



# The missing bit: usage

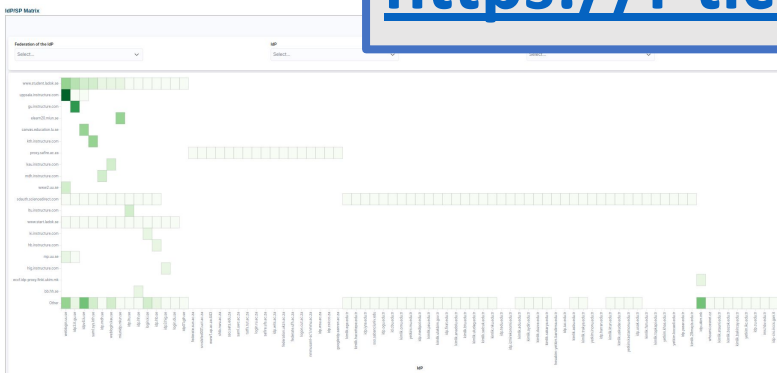


## List of participants

Currently F-ticks are collected from selected IdPs from the following federations:

Code	Name	Country
AAI-EDUHR	AAI@EduHr	Croatia
		Macedonia
		Czech Republic
IDEM	IDEM	Italy
SAFIRE	SAFIRE	South Africa
SWAMID	SWAMID	Sweden
YETKIM	YETKİM	Turkey

<https://f-ticks.edugain.org>



# eduGAIN new key: eduGAIN Key Signing Ceremony 2022

Key type	Key Subject	Key Duration
ECC 384bits	O=GEANT, CN=eduGAIN ECC Signer CA 2022	20 Years
RSA 4096bit	O=GEANT, CN=eduGAIN RSA Signer CA 2022	20 Years

March 8th 2022: eduGAIN Key Signing Ceremony

March 9th 2022: eduGAIN test stream available

March 22th 2022: eduGAIN new stream official

**End of June 2022:** old eduGAIN stream deprecation

<https://wiki.geant.org/display/eduGAIN/eduGAIN+Key+Signing+Ceremony+2022>



## **eduGAIN Technical Site v2.4 (Tomasz Wolniewicz)**

- Code cleanup and major rewrite
- Federation links check
- It will be deployed AFTER TNC22

## **eduGAIN Attribute Release Check (Tomas Budvytis, Pavel Polacek)**

- OS and Framework update
- Discovery service moved to SeamlessAccess (<https://seamlessaccess.org>)

## **eduGAIN Connectivity Check Service v2.1.0 (Marco Malavolti, Valentin Pocotilenco)**

- Fake SP test
- Reworked the check results & ECCS status

## REFEDS Data Protection Code of Conduct v 2:

- CoCo v2 monitor support + Sirtfi v1 (and v2)
- eduGAIN Database support
- eduGAIN Validator support
- eduGAIN Reporting support
- EARC Service Provider support
- eduGAIN documentation update (move to REFEDS)

## REFEDS Sirtfi v2:

- CoCo v2 monitor support
- eduGAIN Database support
- eduGAIN Validator support
- eduGAIN Reporting support
- EARC Service Provider support



# eduGAIN Reporting production deployment



Federated authentication

eduTEAMs authorization

F-Ticks integration

E-mail notifications

Jule Ziegler, Dubravko Penezic , Valentin Pocotilenco

Original developer: Mihály Héder

The screenshot shows the 'eduGAIN Reporting' dashboard. At the top left is the 'eduGAIN Reporting' logo. The main title 'eduGAIN Reporting' is centered at the top in orange. Below it are four main sections, each with an icon and a title:

- Statistics Overview**: Icon of a clipboard with a pie chart and bar graph. Below the title is the text: [Show eduGAIN in numbers, tools, CoCo and SIRTFI](#).
- eduGAIN Federations**: Icon of a blue folder with a grid. Below the title is the text: [View your entire federation, it's score and trends](#).
- Warnings and Errors**: Icon of a yellow folder with a checklist. Below the title is the text: [Discover entity errors, warnings and improvements](#).
- Issues Overview**: Icon of a blue folder with a magnifying glass over a bug. Below the title is the text: [Perform automated technical and security audits](#).

At the bottom of the dashboard is a dark blue banner with the text: **Get Your Own Reports - Register for eduGAIN Reporting**.



Resources

Development

Implementation

Support for the eSG



# QUESTIONS?

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