

eduGAIN's Future is now

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Agenda

- eduGAIN's Overview
- Current model Challenges
- Community Recommendations
- What is going to change
- Some conclusions



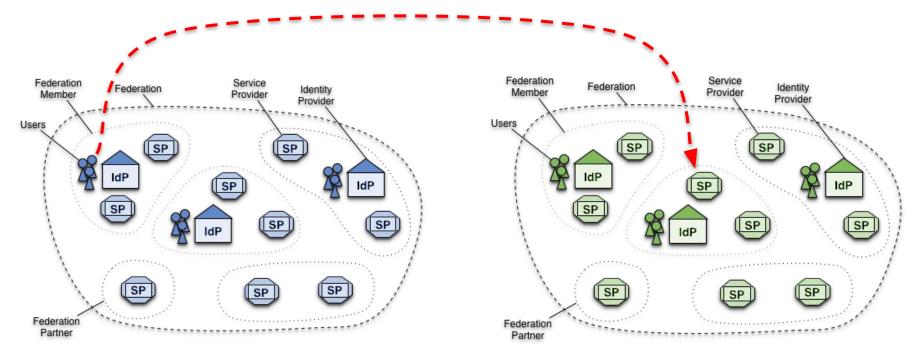


"eduGAIN interfederation service connects identity federations around the world, simplifying access to content, services and resources for the global research and education community"



GEANT Networks · Services · People

Inter-federated Access



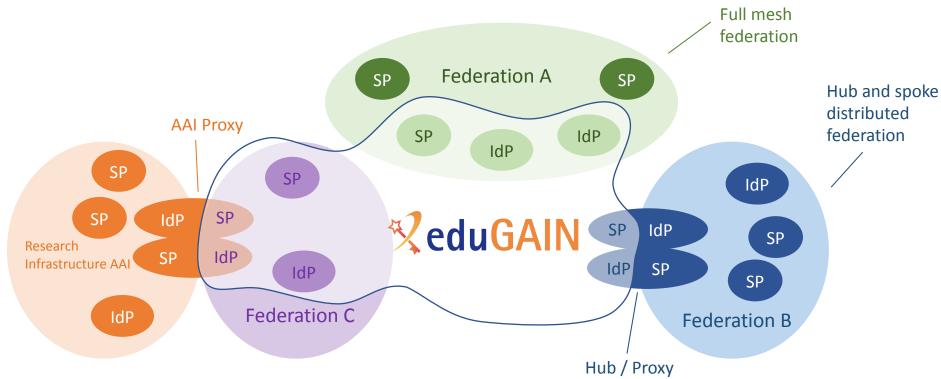
Federation Blue

Federation Green



GÉANT Networks • Services • People

A complex ecosystem





global

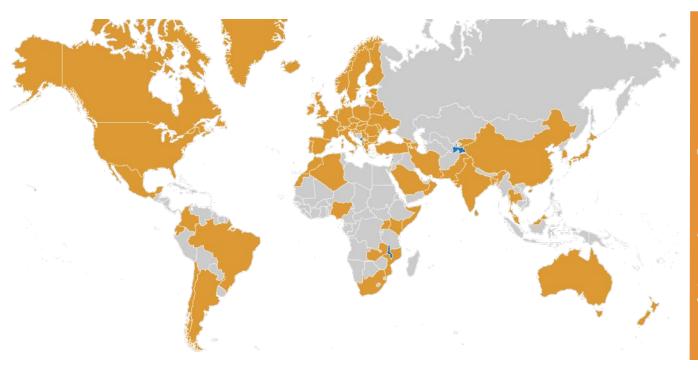
Does it work?

entities entities



eduGAIN Global Coverage





79 Federations

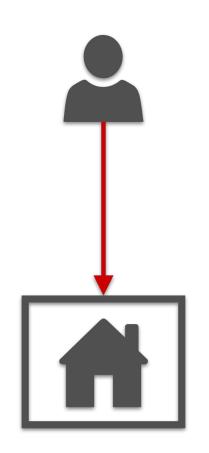
9064 Entities

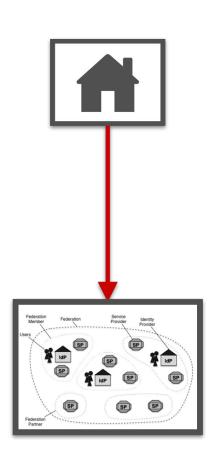
5441 Identity Providers

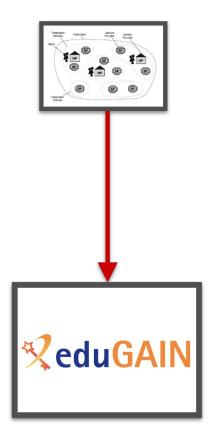
3642 Service Providers



eduGAIN Trust model







Users trust Home Organisation

HomeOrg/Providers trust Federations

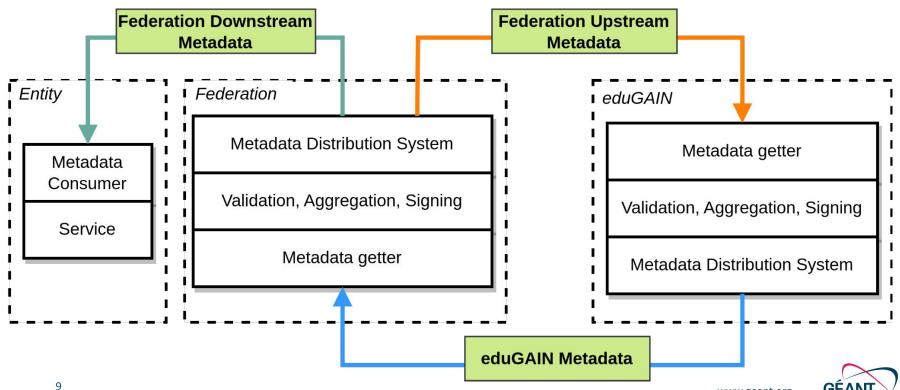
Federations trust eduGAIN

Do users trust eduGAIN?

Do users even know eduGAIN?

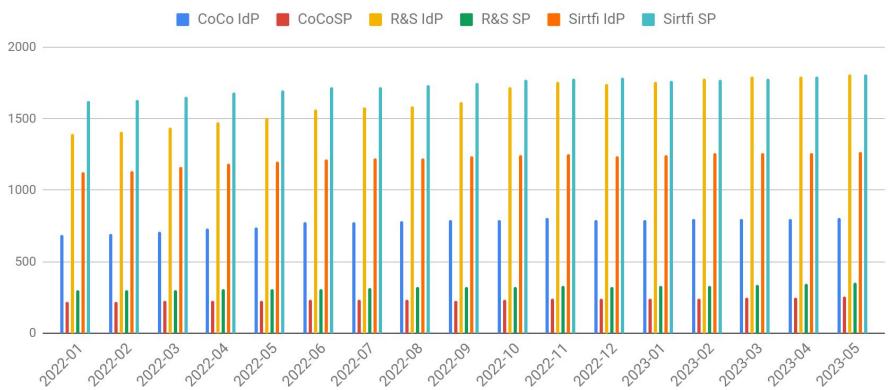


eduGAIN Metadata Creation and Distribution



Entities' Compliance to Standards











Complex environment





New technologies adoption



775 Pane

Slow governance model

What could Possibly go wrong?



eduGAIN Futures Working Group





Identify key issues with current eduGAIN service



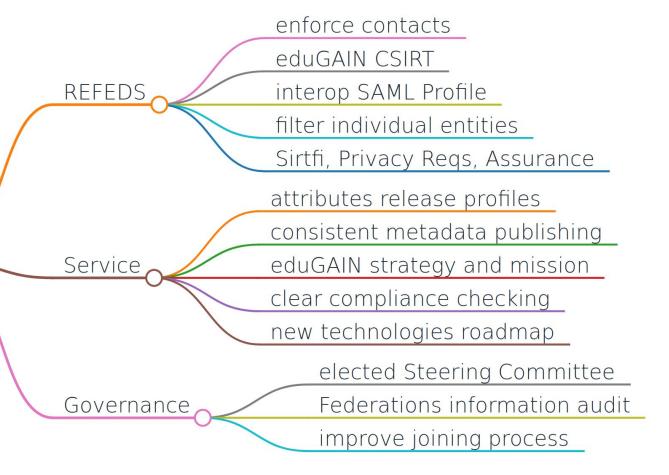
Review the governance model



eduGAIN Futures WG Problem Statements

01	Complex service experience	:	Almost 9000 entities Service experience varies wildly
02	Unpredictability	:	Information exchanged between IdP A and SP B? Hard to rely on eduGAIN without predictable outcome
03	Diverse policies and processes	:	Federations have their own policies and processes Interaction with eduGAIN/participants is often inconsistent
04	Variable service offerings	:	Differences in funding, stuffing and service level Service offerings varying accordingly
05	Slow response to change		Entities and Federation Operators are often slow to adopt changes to security standards and policy requirements
06	Delays in decision making and new Technologies		EduGAIN itself is slow in taking decisions and embracing new technologies
07	Unclear mission and branding strategy		Mission, role and brand of eduGAIN are unclear, leading to different expectations





Actual changes

Governance

Policy

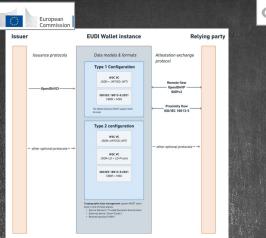
Technology

- Constitution update
- eduGAIN Steering
 Committee
- eSC Election
- eSC Chair appointment

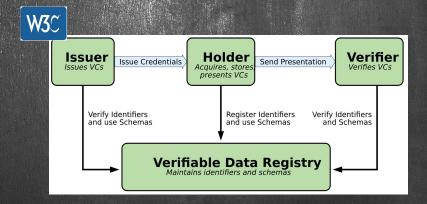
- eduGAIN Interoperable
 SAML Profile
- New requirements for Federations and Entities
- eduGAIN Declaration and MRPS updates

- Support entity-level metadata updates (filtering)
- New compliance checking system
- Activate community Pilots/Labs on new technology stacks











Additional technology stacks and profiles for eduGAIN?



Conclusions



eduGAIN is a great success



Main challenges

High complexity/Low consistency/Slow governance/Legacy Technology



Change process

Futures WG Recommendation on Governance/Service/Tech



Adoption of new technologies involves new trust model





Thank you

Any questions?

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