

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

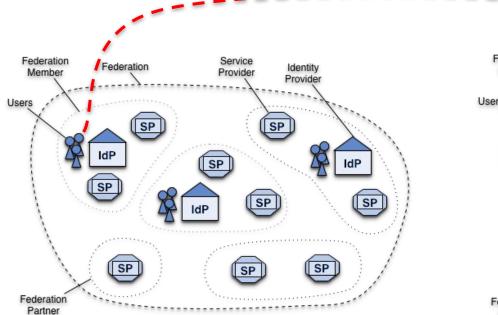


"eduGAIN interfederation service connects identity federations around the world, simplifying access to content, services and resources for the global research and education community"

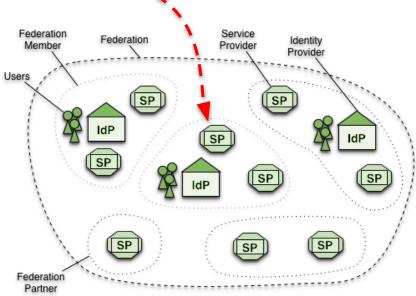




Inter-federated Access



Federation Blue

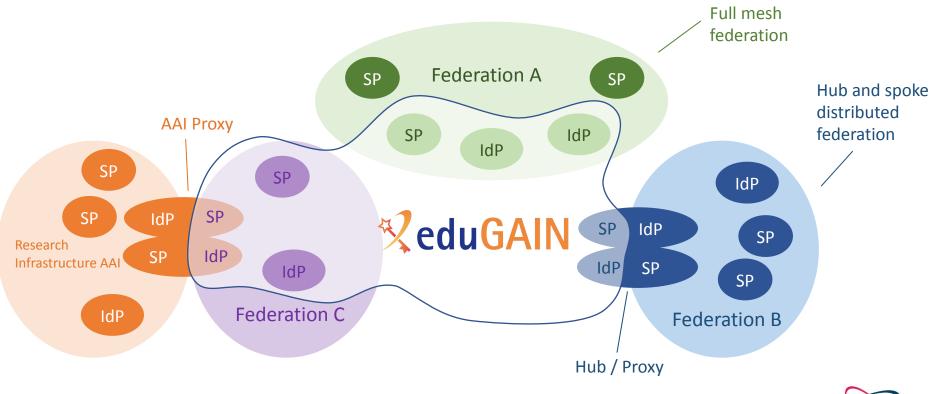


Federation Green



A complex ecosystem



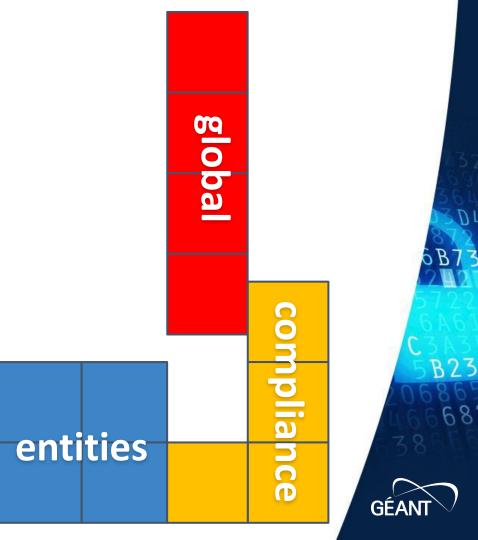


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The eduGAIN contributors & stakeholders



Does it work?



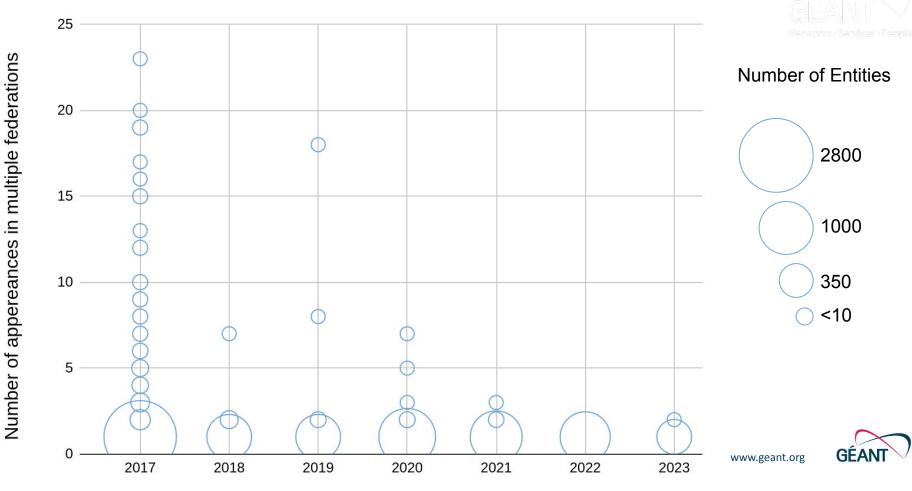
eduGAIN Global Coverage



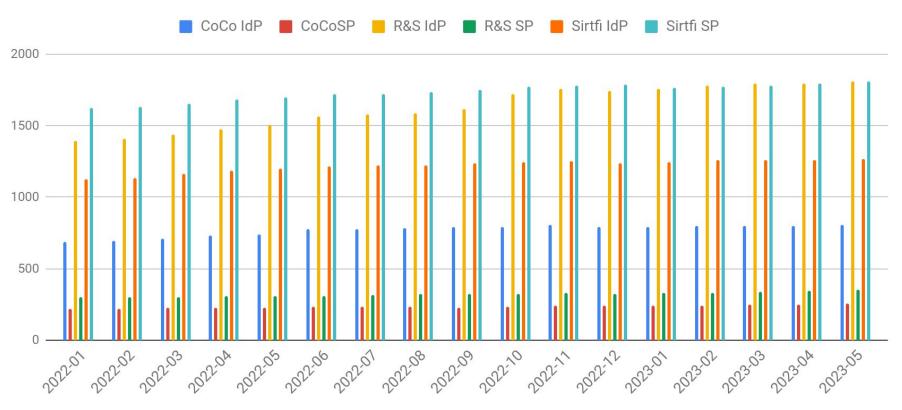




eduGAIN's entities appearance in multiple Federations

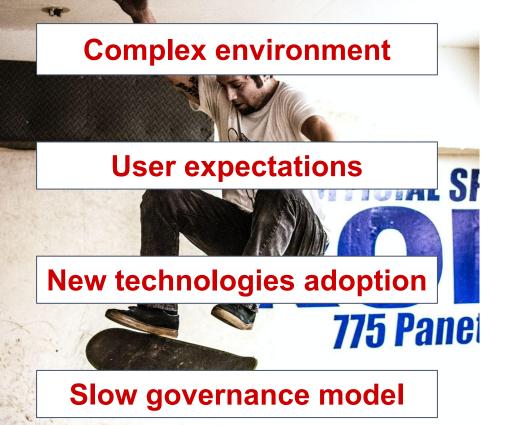


Entities' Compliance to Standards









What could Possibly go wrong?



eduGAIN Futures Working Group





Identify key issues with current eduGAIN service



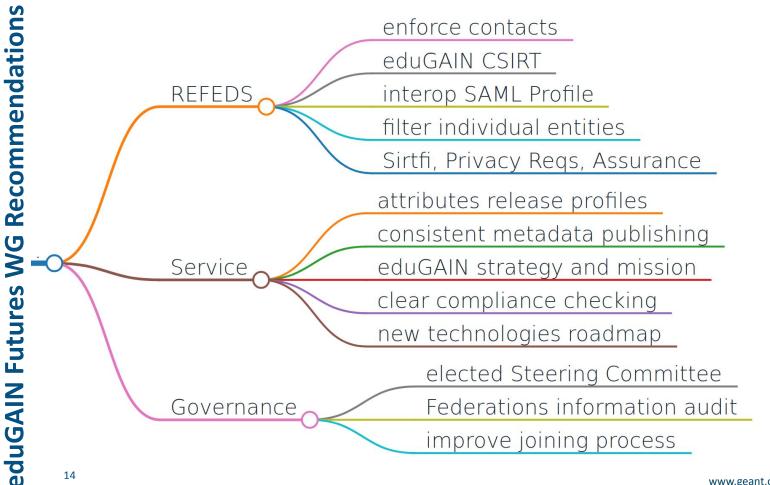
Review the governance model



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
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Actual changes

Governance

Policy

Technology

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

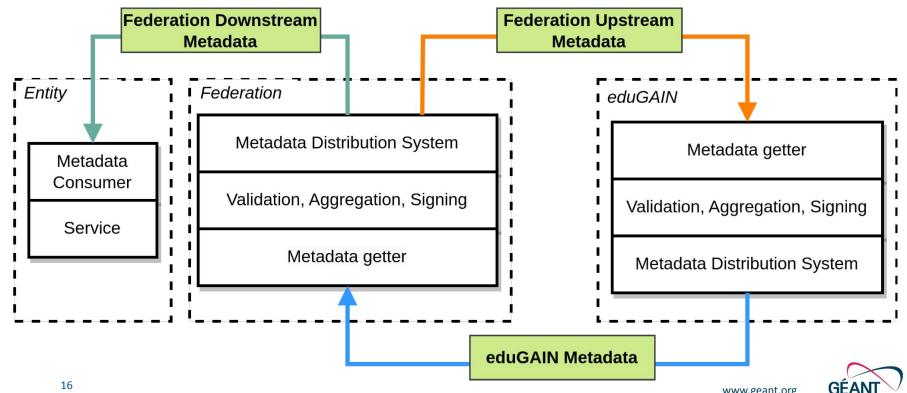
- eduGAIN Interoperable
 SAML Profile
- New requirements for Federations and Entities
- eduGAIN Declaration and MRPS updates

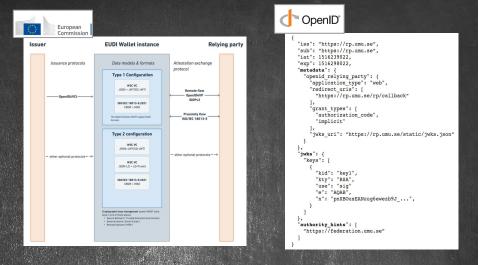
- Support entity-level metadata updates (filtering)
- New compliance checking system
- Activate community Pilots/Labs on new technology stacks



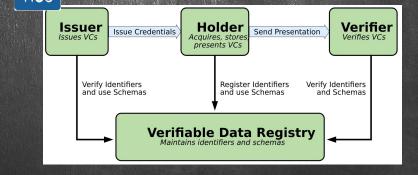
eduGAIN Metadata Creation and Distribution







W3C





Additional technology stacks and profiles for eduGAIN?



eduGAIN provides



Metadata Distribution Service



Metadata Validator



Checking tools

? Support

CSIRT

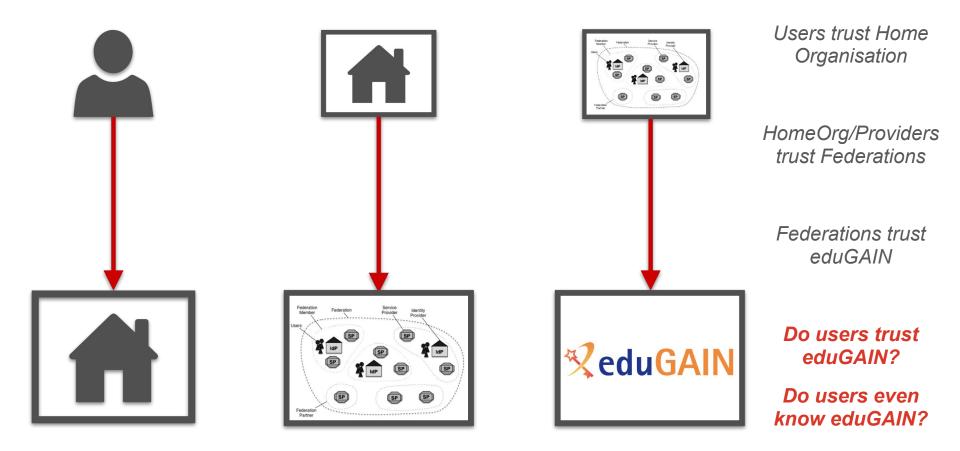
..what else?



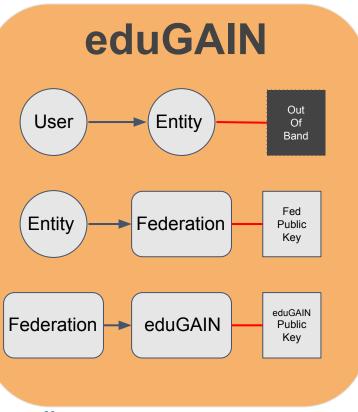
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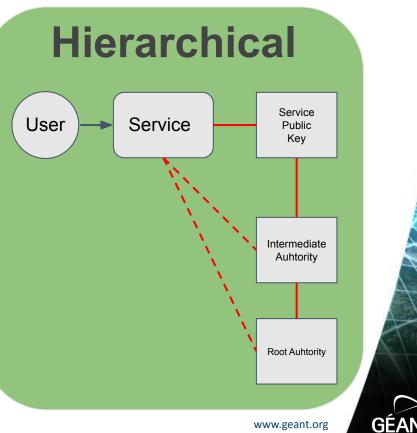
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eduGAIN Trust model



Trust Flows





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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