GÉANT << Enabling Users >>

Aide à l'adoption d'eduGAIN pour chercheurs internationaux

Thomas Bärecke

SA5 T5 team member @ GÉANT project

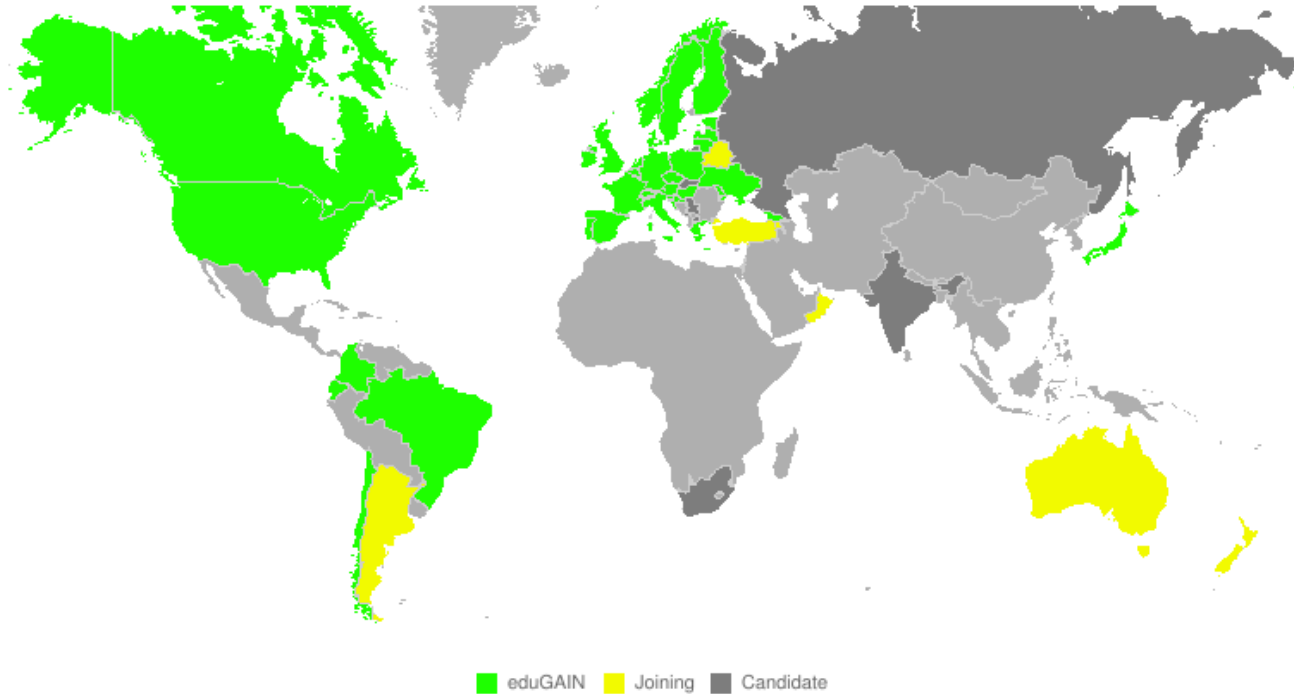Software Engineer @ SWITCH

JRES 2015, Montpellier

09/12/2015

eduGAIN participants

eduGAIN   Joining   Candidate

eduGAIN

Attribute aggregation

User friendliness

Credential translation

Scalable, flexible attribute release

Levels of Assurance

Homeless users

Bridging Communities

Non-web-browser

Enabling Users – initial objectives (2013)

Collaborate with the wider GÉANT project and with international user communities to increase usage of AAI infrastructure

Act as an expert partner for large, pan-European projects with AAI requirements

Coordinate a set of two or three projects between GÉANT and user communities, addressing their federated-identity concerns

Provide support such that four GN3plus project tools/services are AAI-enabled

Enabling Users – Year 1 Collaborations

- **DARIAH**
  Humanities and
  Social Sciences.
  Bring ≃ 4 8 services to eduGAIN and help
  establishing GÉANT Data Protection Code
  of Conduct

- **ELIXIR**
  Life Sciences
  Access to European Genome Archive (REMS)
  and integration of Resource Entitlement
  Management System (REMS)

- **UMBRELLA**
  Photon/Neutron research
  Bridging for Umbrella/eduGAIN. Moonshot pilot to provide SSH login with final goal to remotely
  control experiments.

Enabling Users – Year 2 Collaborations

- **CERN**
  Connect CERN's ADFS-based web single sign-on system via SWITCHaai to eduGAIN Bilateral login now possible.

- **ESA**
  "Distributed" organisation in 5 countries.
  Pilot project ended early 2015.
  First step for ESA joining eduGAIN via IDEM (IT).

Missing FIM knowledge

Identity Provider Coverage

Insufficient Attribute Release

Undefined Levels of Assurance

eduGAIN depends on the federation operators

Requirements often similar, no catch-all solution

AAI/eduGAIN expertise well appreciated

Growing interest in Levels of Assurance

- **Continued Support and collaborations with research communities**
  - Work on **two new research community use-cases**
 - We continue to provide basic **support and expertise**

- **New in GN4**:
  "Develop **a clear, simple, friendly process** through which new Service Providers who aim to deliver service on a pan-European or global scale and **who do not have a have a particularly obvious relationship with an individual national federation** can publish their metadata via eduGAIN".

- **Further ideas:**
  - **Comparison of different e-infrastructures** (eduGAIN, Moonshot, EGI, EUDAT, STORK)
    Helps research communities make informed choices
  - **eduGAIN Training event**
    Specifically for research communities. Together with other eduGAIN-related tasks.

- If your research community would like to have a **first look at eduGAIN**, contact us!

- If you have **advanced eduGAIN use-cases or needs**, contact us!

- If you see where GÉANT **can improve a particular aspect of eduGAIN**, contact us!

edugain-integration@geant.net
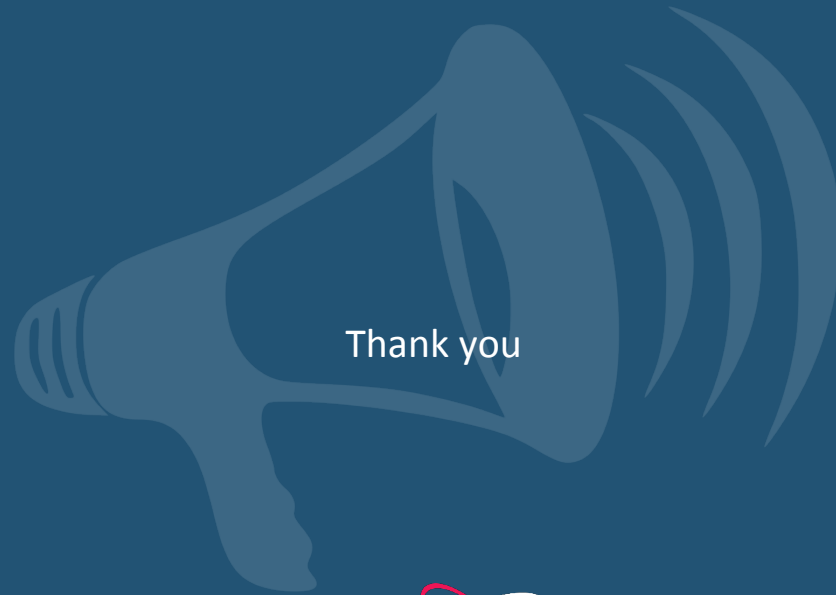
Thank you

GÉANT

Networks · Services · People
www.geant.org