Overview of the Trust and Identity Services

September 2021

© GÉANT Association
As part of the GÉANT 2020 Framework Partnership Agreement (FPA), the project receives funding from the European Union’s Horizon 2020 research and innovation programme under Grant Agreement No. 856726 (GN4-3).
Please also use the chat for questions to T&I CTO Workshop
What is Trust & Identity?

Explore, innovate, evolve

TRUST + IDENTITY = ACCESS
WP5 Role in the wider T&I ecosystem

- AAI recognised as an important infrastructure
- Supports student mobility
- Impact of the AARC project and AEGIS
- EOSC developments
- Supports access to RIs
- eIDAS
- EuroHPC
- OCRE and commercial academic offerings
T&I service portfolio
The big picture

Widening scope with OpenRoaming

Support virtual teams and share resources

Offering a validation service based on the “studentness”
Access to thousands of eduroam WiFi locations worldwide, with R&E institutional identity.
eduroam service family

eduroam Core Services
- European RADIUS top-level servers in NL and DK

eduroam Supporting Services
- eduroam Database
- eduroam Installers
- Metrics and Monitoring
- eduroam Managed IdP
- eduroam Managed SP
- eduroam Support

eduroam Policy Suite
- eduroam Service Definition and European Policy
Access to thousands of WebSSO services available via eduGAIN, with R&E institutional identity.
## eduGAIN Services

### eduGAIN Core Services
- Metadata Service and Validator

### eduGAIN Policy Suite
- eduGAIN Policies and Technical Profiles
- eduGAIN security team
- Federation as a Service

### eduGAIN Supporting Services
- eduGAIN database
- Technical site with supporting tools
- eduGAIN support
- eduGAIN F-ticks
- eduGAIN reporting

---

**eduGAIN**

*Networks • Services • People*
eduTEAMS implements AARC Blueprint Architecture and expands eduGAIN to support virtual team sharing of resources.

**GÉANT**

**Research collaborations or NRENs**

- Manages groups
- Connects services
- Manages access

**Users**

- Federated access to research resources

AAIaaS
- Shared
- Dedicated
- Bespoke
Managing virtual teams made easy

Based on AARC Blueprint Architecture
Connects eduGAIN and other trusted Identity Providers

Users sign in to services with their **community identity** via eduTEAMS

Users register once and access any service (available to their community)

Reduces complexity for Service Providers by providing **one integration point for all services**

Solution for RIs, GÉANT, OCRE, EOSC, Student Mobility, EuroHPC and other communities

---

**eduTEAMS Service**
Shared platform that can be used by small- to medium-size communities and the long tail of science

**eduTEAMS Dedicated**
Dedicated, white-label service offering, specific to a community

**eduTEAMS Bespoke**
For communities that need tailor-made functionalities (i.e. integration with other tools)
<table>
<thead>
<tr>
<th>GÉANT</th>
<th>Merchants</th>
<th>Students</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>InAcademia</strong></td>
<td><strong>OIDC Auth Infrastructure</strong></td>
<td><strong>Can make use of student tailored offerings, without disclosing any additional privacy details</strong></td>
</tr>
<tr>
<td><strong>ONLINE STUDENT VALIDATION</strong></td>
<td><strong>Community Governed</strong></td>
<td><strong>SaaS to validate “studentess”</strong></td>
</tr>
</tbody>
</table>

The real-time, digital equivalent of asking a student to show their student card to access or buy discounted or specialist services and products.
Reduces burden for IdPs and identity federations
Source of income for T&I
Lighter-weight option for service providers (SPs)
Privacy by design to protect end users

Support and connect merchants
Designed to support Identity Federations and eduGAIN to achieve sustainability
Quick, reliable and secure way to verify academic identities
Helps with GDPR compliance