Overview of the Trust and Identity Services

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What is Trust & Identity?

Explore, innovate, evolve

TRUST + IDENTITY = ACCESS
<table>
<thead>
<tr>
<th>WP5 Role in the wider T&amp;I ecosystem</th>
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<tr>
<td>AAI recognised as an important infrastructure</td>
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<td>Impact of the AARC project and AEGIS</td>
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<td>Supports access to RIs</td>
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<td>EuroHPC</td>
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T&I service portfolio

The big picture

Support virtual teams and share resources

Offering a validation service based on the “studentness”

Widening scope with OpenRoaming
<table>
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<tr>
<th><strong>GÉANT</strong></th>
<th>European RADIUS server</th>
<th>Supporting Tools</th>
<th>Global Policy</th>
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<tr>
<td><strong>National Roaming Operator</strong></td>
<td>National RADIUS server</td>
<td>National Policy</td>
<td></td>
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<tr>
<td><strong>R&amp;E Institution</strong></td>
<td>RADIUS Auth. Infrastructure</td>
<td>Identity Management</td>
<td>WiFi</td>
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<td><strong>User</strong></td>
<td></td>
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<td>Can access eduroam in 106 countries</td>
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</table>

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

eduroam Managed IdP
eduroam Managed SP
eduroam Support
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<tr>
<th>GÉANT</th>
<th>EduGAIN</th>
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<tbody>
<tr>
<td></td>
<td>Global Metadata Service</td>
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<tr>
<td>Identity Federation</td>
<td>National Metadata Service</td>
</tr>
<tr>
<td>R&amp;E Institution</td>
<td>SAML Auth Infrastructure</td>
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<tr>
<td>User</td>
<td>Can use over 2900 Web services</td>
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</table>

Access to thousands of WebSSO services available via EduGAIN, with R&E institutional identity
eduGAIN services

eduGAIN Core Services
- Metadata Service and Validator

eduGAIN Policies and Technical Profiles
- eduGAIN database
- Technical site with supporting tools
- eduGAIN support
- eduGAIN security team

eduGAIN Policy Suite

eduGAIN supporting services
- eduGAIN reporting
- eduGAIN F-ticks
- Federation as a Service
Implements AARC Blueprint Architecture and expands eduGAIN to support virtual team sharing of resources.
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)
The real-time, digital equivalent of asking a student to show their student card to access or buy discounted or specialist services and products.

Students can make use of student tailored offerings, without disclosing any additional privacy details.

Merchants can leverage student tailored offerings through a community-governed SaaS to validate "studentess".
Reduces burden for IdPs and identity federations
Support and connect merchants

Source of income for T&I
Designed to support Identity Federations and eduGAIN to achieve sustainability

Lighter-weight option for service providers (SPs)
Quick, reliable and secure way to verify academic identities

Privacy by design to protect end users
Helps with GDPR compliance