

eduGAIN and federated services



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eduGAIN service owner
GARR

Rome, 27th Feb 2019

- eduGAIN Support
- eduGAIN Incident Response
- eduGAIN Metadata Distribution Service (MDS)
- eduGAIN Validator
- eduGAIN Entities Database
- eduGAIN Technical site (and APIs)
- eduGAIN Connectivity Check (ECC)
- eduGAIN isFederated Check (EIFC)
- eduGAIN Access Check (EAC)
- eduGAIN Attribute Release Check (EARC)
- eduGAIN Code of Conduct Monitor (ECOCCM) monitor
- Sirtfi contact check service
- F-Ticks based eduGAIN statistics collection and presentation service
- Campus IdP Toolkit (ansible playbook to install an IdP)
- Federation-as-a-Service (FaaS)

Production or TRL 8/9

Development TRL 7/8

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- **Federation-as-a-Service (FaaS)**

Color code:

homogenous groups

eduGAIN Technical Operations
Tomasz Wolniewicz

Federation as a Service
Nebojsa Ilic

eduGAIN Monitoring
Mario Reale

eduGAIN Support
Thomas Baerecke

eduGAIN SIRT
cool security guys

Identity Federations

E-infrastructure

Research Infrastructure

Research Collaboration

Service Providers (ORCID)

Identity Providers

Others?

The eduGAIN top level governance is composed by GEANT NRENs only.

The eduGAIN Steering Group is composed by identity federation delegates.

The eduGAIN service offering and current development is strongly focused on Identity Federations.

- NRENs and (new) Identity Federations (on boarding)
- Research communities
- Standardisation bodies (OASIS, OIDC, IETF, etc.)
- REFEDS
- KANTARA
- EU eIDAS
- RA21
- Any other?

Upcoming events

- 27th February - 1st March: eduGAIN All-hands meeting - Rome
- TBD: eduGAIN Steering Group meeting
- April 29th: OIF workshop (IIW)
- 16-20 June: TNC19

Upcoming deliverable and services

- eduGAIN policy and operation documents
- SIRTFI contact checking service

GÉANT PMC

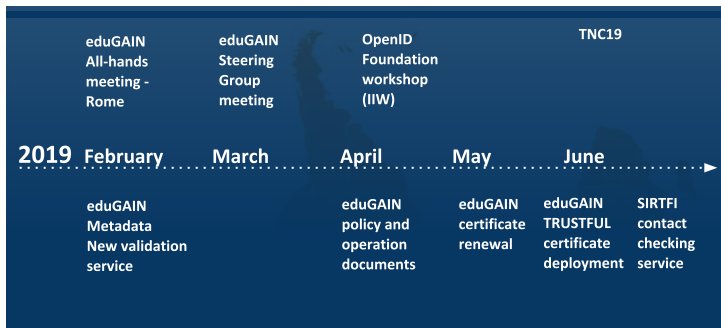


Technical
Operations

Federation
as a Service

Support
Security Incident
Response

Monitoring
and Stats



59 Identity Federations

2994 Identity Providers

2356 Service Providers

KPIs

99%
Metadata Service
Availability

+15%
Membership

eduGAIN and federated services:

- Operations and DevOps activities, that include: eduGAIN Metadata Service (MDS) and validator, Federation as a Service (FaaS), campus identity provider (IdP) toolkit, technical portal, Wiki pages and a range of supporting tools to underpin the statistics, troubleshooting and verification, etc.
- Support, that includes: second-and third-line support, enhanced support for complex use cases and large collaborative organisations, coordination for security incidents and support for SIRTIFI deployment and training delivery, as needed.
- Engagement with identity federations, wider (research) communities and standardisation bodies, that include: onboarding new identity federations, engagement with the stakeholders via eduGAIN Steering Group (SG) and other initiatives such as FIM4R, contribution to global standards and assessing the impact of new standards on eduGAIN (in collaboration with Task 4).
- Development activities that include: new aggregator rules used in the MDS, in collaboration with Task 2, investigate usage of new protocols and standards), statistics for federated access and developments to support the maturity work.
- Maturity activities that include: support for identity federations to adopt best practices, such as implementing entity categories.



THANKS!

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