

eduGAIN federation operator training
eduGAIN interfederation service
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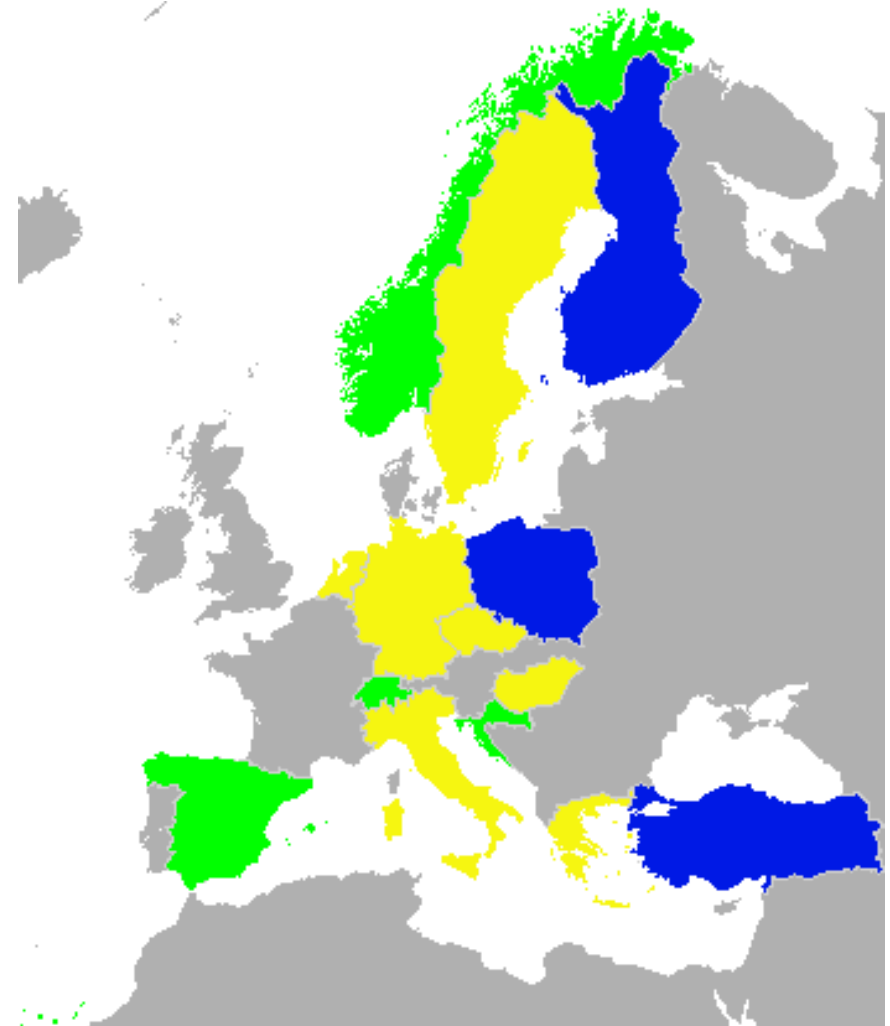
Introduction to the eduGAIN service



- The eduGAIN service is intended to **enable the trustworthy exchange** of information related to identity, authentication and authorisation between the GÉANT (GN3) Partners' federations.

The eduGAIN service will deliver this through co-ordinating elements of the federations' technical infrastructure and a policy framework controlling the exchange of this information.

- www.edugain.org



■ Pilot ■ Declaration signed ■ eduGAIN

Introduction to the eduGAIN service



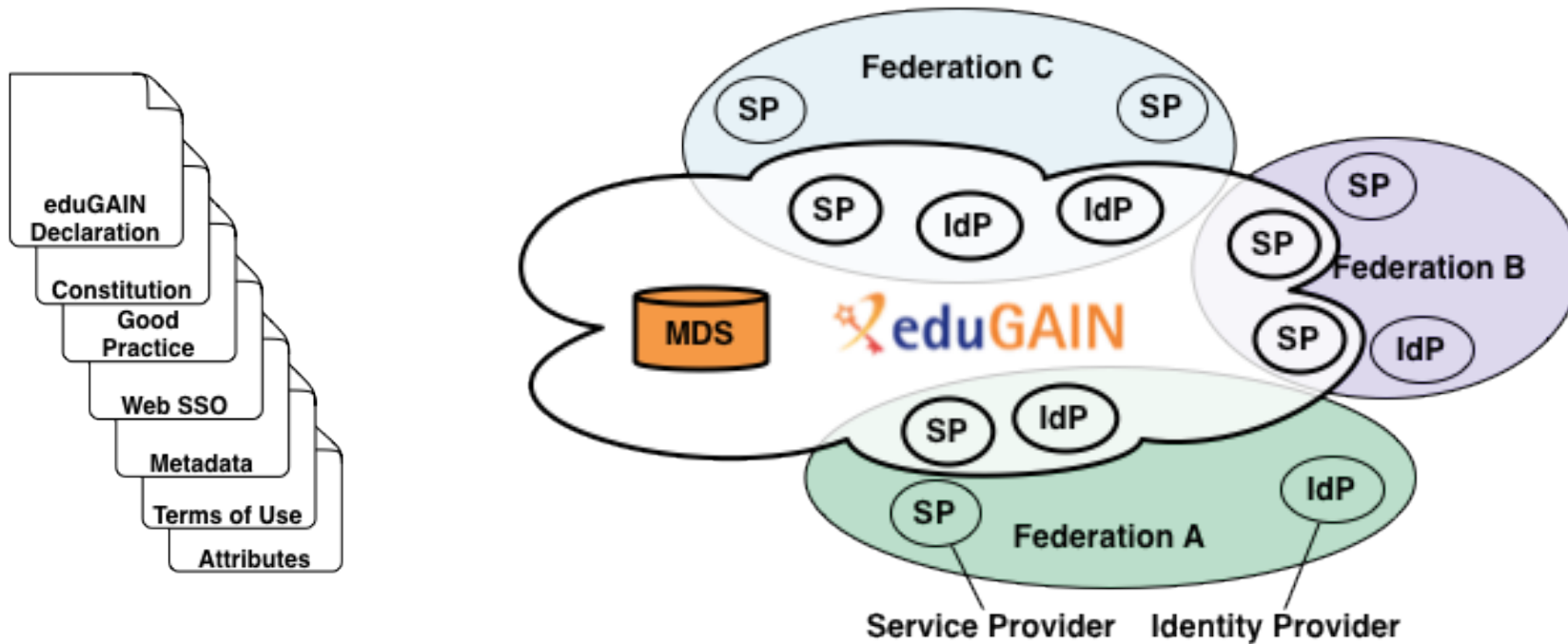
- The eduGAIN service – created and built within the GÉANT project
- Funding of the GÉANT project comes from NRENs and EC
- During the development of the eduGAIN service mostly federation operators has been represented (from participant NRENs)
- The eduGAIN that we have in GN3 builds' upon **BUT IS NOT THE SAME** as the eduGAIN that was developed in GN2!

Introduction to the eduGAIN service



- The eduGAIN in GN3 is built as a mesh-model, where all entities talk to each other.
- Lightweight central components, both technically and process-wise, designed so that it's easy to join.
- Low bar for joining – more complex to manage all possible interactions
- Normally a federation exposes a part of it's services / identity providers to interfederation, more on this in the policy presentation (opt-in)

Introduction to the eduGAIN service



- eduGAIN entities are a subset of a national federation (via opt in)
- Profiles and policies to harmonize environment

Introduction to the eduGAIN service



- eduGAIN provides the means for entities to exchange information – but what gets exchanged is the up to the exchangers
- Opt-In for entities within federations!
- The eduGAIN interfederation service is targeting federations
- Federations target IdPs and SPs!

Challenges for the growth of the eduGAIN interfederation service?



- We need to reach out and connect federations!
- Federations needs to reach out to it's members and offer/inform them about the eduGAIN service!
- Universities (IdPs) and SPs needs to opt in for interfederation
- Other?

- www.edugain.org
- [eduGAIN service definition and policy](#)
- **Presentation from TNC2011 on how SWITCH AAI and eduGAIN by Lukas Hämmerle (well worth reading/watching!)**
“Trimming your AAI federation fit for eduGAIN... technically”
Slides available [here](#)
Online presentation [here](#) (starting at around 58 min)
- [eduGAIN policy](#)
Recommended reading with regards to the policy:
[Introduction to the eduGAIN Policy Framework](#)
[eduGAIN Constitution](#)
[eduGAIN Declaration](#) (the document a federation sign and publish)