Current status and sustainability plans of Authentication and Authorisation Infrastructure

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“Build on existing capacity and expertise where possible”.

“The major technical challenge is the complexity of the data and analytics procedures across disciplines rather than the size of the data per se.”

“Generic protocols … ICT standards of e-infrastructure communities….”

“Combine single sign-on issues with the connection of social and professional people oriented web applications resulting in a federated identity and credentials for all people in the EOSC “
“Build on existing capacity and expertise where possible”.
Existing capacity & expertise – eduGAIN depends on federations

- 48 Federations
- 1,500+ Services
- Almost 2,500 IdPs
- >3,000 Institutions
Existing capacity & expertise – federations depend on campuses
“Build on existing capacity and expertise where possible”.
“The major technical challenge is the complexity of the data and analytics procedures.”

- Class A) are the simple library/journal/learning applications
- Class B) consists of the campus ‘corporate’ infrastructure
- Class C) are the really complex trust applications for collaboration and e-Research
- Science means big collaboration
Technical Sustainability – AARC Blueprint Architecture for Interoperability of AAI

User Identity

- Social
- eGov

Identity Access Management

- User Identity Access Management

Authorisation

- End Services
- SP
- Proxy
- Token Translation

User Attribute Services

- Reputa
- Roles
- ToU

HTTPS://AARC-PROJECT.EU/BLUEPRINT-ARCHITECTURE/
“Generic protocols ... ICT standards of e-infrastructure communities....”
GÉANT Evolution & sustainability – addressing complexity fairly

- AuthZ & Attribute Services: eduTEAMS and StepUp
- Next Generation Architectures and Protocols
- eduGAIN Beyond the baseline: SIRTFI & Assurance
- eduGAIN Enhanced Support
- Attribute Release: CoCo & R&S
- Entity coverage
- Robustness of Operations
- Federation coverage
Thank you

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