



Authentication and Authorisation for Research and Collaboration

NA3.3 Progress

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Peter Gietz, Martin Haase

NA3 Task 3 - Service Operational Models

DAASI International



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NA3.3 Work plan

current schedule



- Aim
 - first to get an overview of current policies and practices,
 - then publish the compiled recommendations
- Milestone plan
 - M9 compile a list of questions on current policies and practices
 - first interviews will help shape the questionnaire
 - do interviews with NRENs / Federation Operators
 - M12 interviews done.
 - M18 first draft of deliverable DNA3.3
 - M21 final deliverable DNA3.3
- DNA3.3: Recommendation for service operational models for enabling cross-domain sustainable services

Results envisaged

Focus on sustainability

- Concentrate on **technical** sustainability
 - How must federation policies look like in order to facilitate interoperability between SPs and IdPs in eduGAIN?
 - What are the causes of incompatibility?
 - Cross-domain: concentrate on federations, but also take research communities into account. Possibly commercial services as well.
- For Guest IdPs, and may be some other services that may come out of AARC (e.g. CI-Logon-Service for Europe) also consider **financial** sustainability
 - Are users ready to pay for Identity? (Identity as-a-Service)
 - Are Service Providers ready to pay for authentication and attribute information
 - Are there central stakeholders that may pay for all?
 - Evaluate existing models (Feide Open IdP, ProtectNetwork, Google, etc.)
 - Sketch models for JRA1.3 and for the pilots in SA1.1

Questions

questionnaire sections

- Q1: Federation name and structure (Hub&Spoke vs Mesh), Contact data (3 items)
- Q2: Legal Aspects: requirements for SPs, IdPs, joining costs, policies, abuse (8 items)
- Q3: Federation SAML Metadata (11 items)
 - Entity categories, CoCo, R&S etc.
 - certificate usage
 - Checks and auditing
- Q4: SP requirements (3 items)
- Q5: IdP requirements including IdP aaS (4 items)
- Q6: Guest IdPs / options for homeless users (4 items)

Results and plans

where we stand

- First instance of the questionnaire created
- First interview (DFN-AAI / Wolfgang Pempe) done and transcribed incl. refinement of the questionnaire
- Next step: interview with a Hub and Spoke federation operator representative, incl. questionnaire refinement
- Then freeze the questions set and approach a larger number of federation operators
- All online:

<https://wiki.geant.org/display/AARC/Task+NA3.3+Service+Operational+Models>

Thank you

Any Questions?

info@daasi.de



<https://aarc-project.eu>



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