NA3.3 Progress
Authentication and Authorisation for Research and Collaboration

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NA3 Task 3 - Service Operational Models
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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
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?

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