

« networking the networkers »



FIM4R
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Updates on Trust and Identity Plans



Outline

- › AAI Workshop in Brussels (2 April)
- › GN4 Preparation
- › And Horizon 2020



AAI Workshop – Objectives



Review what has been followed up from the AAI study

Consult different federation stakeholders/user-groups

Identify areas that should be addressed as part of the next calls



Follow up on the AAAI Study

- › Some of the recommendations have informed calls for the Horizo2020:
 - › Policy and Funding
- › Some of the recommendations have been followed up by REFEDS and GÉANT project :
 - › Guidelines for Federation Policies
 - › On-going work on attributes
 - › Enabling Users work led by Lukas Haemmerle
- › **Lack of manpower remains an issue**



Users Consultation

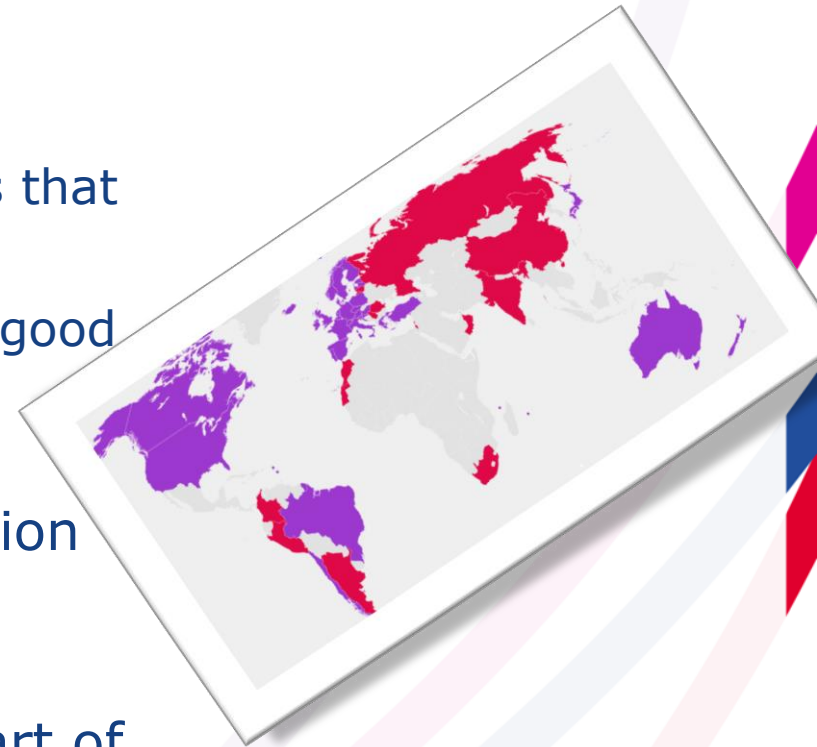
- › Users groups attending the workshop presented their requirements
- › And a small google survey was circulated to gather more requirements
- › The results were not a surprise





Requirement: Federation Coverage

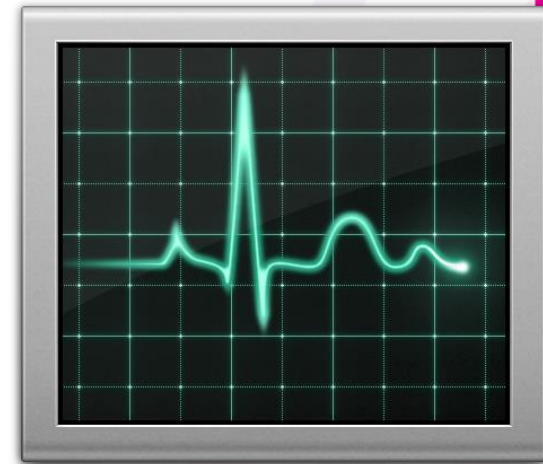
- › Federations keep growing:
 - › So does the number of federations that are in eduGAIN
 - › BUT eduGAIN coverage is still not good enough
- › Not every institution signs federation contracts
- › There are still IdPs that are not part of federations
 - › Some of them critical for collaboration





Requirement: Non-Web

- › Non-Web/Cloud access is still complex:
 - › Technologies for non-web-based access only "almost there" (ECP, Moonshot, oAuth2)
 - › BUT...none of them has been really deployed
- › Cloud/Storage AA should also be considered





Requirement: Attribute Release

- › Two main issues identified:
 - › IdPs do not release attributes in a consistent way
 - › Attributes should cross national borders
 - › the EU case is covered by eduGAIN CoC but the international case is not finalised yet
- › There is still a lot of confusion on when to use consent





Requirement: LoA

- › Complex problem, but simple things could be done:
 - › Provide information for SPs to know what the assumed standard for Fed Ops and IdPs are
 - › Define an assurance profile and ask IdPs to state their compliance against the profile
 - › Would a template for Identity Management Practice Statement help?
 - › Would stronger authN raise the confidence SPs have in IdPs?
 - › Make eduPersonAssurance correct for all IdPs, even if it says level 0

- › See more at:



<https://blog.refeds.org/a/189>



Requirement: Security

- › Security is an important component in FIM but there is not sufficient documentation on it:
 - › How do SPs know that an identity has been compromised?
 - › Traceability, Incident response, operational capabilities for IdPs should be known





Stakeholders Consultations

- › Google short questionnaire:
 - › Total of 10 answers
 - › Level of satisfaction with federations (1-5): 3,5
- › List of missing pieces of the puzzle:
 - › Raise awareness at the university level
 - › Better support for SPs (possibly done by the federations)
 - › Coordination among federations (different architectures)
 - › Support for groups and account linking

A tilted screenshot of a questionnaire form. The form is titled "AAI Requirements" and contains several sections with text and input fields. The sections are: 1. "Please help us review how much your AAI requirements are met to date. The results of this short survey for future work either in the framework of the Horizon2020 or in other relevant initiatives." followed by a text input field. 2. "Please indicate the community you belong to. It is not necessary to state your name, but it would really help us know which group you belong to." followed by a text input field. 3. "How satisfied are you with the support you get from existing e-Infrastructures?*" followed by a 5-point Likert scale with radio buttons labeled "Very unhappy", "1", "2", "3", "4", "5", and "Very happy". 4. "What do you think is missing at the moment?*" followed by a text input field. 5. "Do you have specific anecdotes of things that went wrong? Listening to real anecdotes can help understand where the gaps lie." followed by a text input field. 6. "If you could choose one thing that would really make a difference what would that be?" followed by a text input field. 7. "Please share with us any idea/comment/ that could help us prepare for our future work." followed by a text input field.



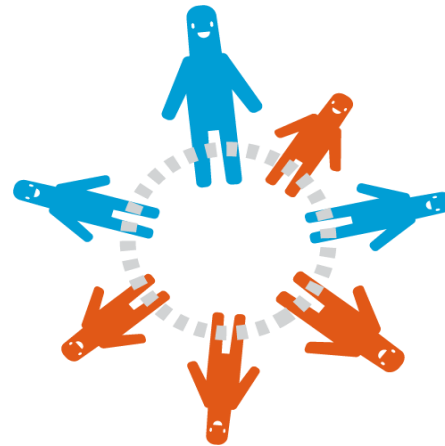
Work In-Progress

Non-Web solutions

Dissemination and outreach focused on the IdPs

Attribute Providers

Guest IdPs: to build or to buy?



Groups/VOs

Better support for SPs to join a federation

Better cross-sector collaboration

The Whole Picture



Work areas

Policy

Operational
Practises

Services

Governance

Cross-Sector

Support for R&E
communities and
commercial
partnership

EINFRA Call

Best Practises

Data protection

Training on policies

Outreach

Proof of Concepts

Supporting Tools

Guest IdPs

GÉANT

Services

eduGAIN

Moonshot

eduroam

Enabling Users

Research Work



What Next?

- › GÉANT preparation is on-going:
 - › Led heavily by NRENs
 - › Open Calls and Enabling users help support community use-cases
- › Horizon 2020 call on AAI:
 - › Consortium with both NRENs and e-Researchers
 - › Good opportunity to work together as a team
- › Some of the work will take place in REFEDS but funded





EINFRA Call

- › TERENA is leading the preparation of a proposal for the EINFRA-7 call:
 - › SWITCH, SURFnet, GARR, CSC, GRNET, PSNC and probably Janet
 - › LIBER, EGI, DAASI, SARA, Nikhef

- › Cannot have everybody on board, but we want to engage with FIM4R

- › Main focus on:
 - › Training, attribute authorities, IdPs for guest, pilot a few use-cases to be identified via ad-hoc workshop



Conclusions

- › Workshop in Brussels was a good opportunity to gather different groups:
 - › Maybe something to repeat
- › Work on-going for GÉANT and EINFRA-7 call:
 - › Key-words for EINFRA call: Outreach, support and proof-of-concepts
 - › Key-words for GEANT: Service operations and research
 - › Still looking for a name:
 - › <http://doodle.com/bhmhfptbqtgikik5>
- › The two projects will complement each other if both are funded