



T&I Challenges and Opportunities

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Agenda

Expectation for this meeting: identify what we can do together as Nordic community or internationally and define concrete step towards that



Agenda

- The **national** perspective (1h):
 - Trends, challenges, priorities
 - Discussion to identify any commonalities



Agenda

- The **international** perspective (1h):
 - What are the areas that would benefit from more engagement ?
 - What can we do together?
 - What about new ideas/areas?



Action planning – next steps, ownership, follow-up

Mapping

Opportunities

Next Steps



DK

- National eID widely used
- DeiC is a broker for this IdP - this requires compliance
 - ◊ with some certification
- Simplifies the landscape in terms of IdPs used
- Challenges:
 - explaining what DeiC/WAYF does
- Opportunities:
 - interaction with national agency thanks to the **wallets**



DK

- SSH CA getting traction
 - Selling this service also outside DK
- Challenges:
 - Few people working for the federation
 - Stability is an issue
 - Getting evaluated, not clear its purpose
 - Tension between small and large units about the direction for DeiC/Wayf
- Opportunities: best practises LoA and improving the quality of IdPs using the national eIDs.



Sweden

Good:

- assurance: work started in 2013 to roll out the assurance profiles for all IdPs. Killer service being the national student registration system.
- HE % is pretty big - Sunet working v closely with the national agencies
- Working with K12 community: getting traction due the national exams
- Running the infra for the swedish eIDAS

Challenge:

- how can foreign students access their academic data when they leave the swedish Unis?
- users do not want to use their eID to access Uni sites - academic IDs are preferred

Future:

- **OIDF and Wallets ?**
 - **focus on the OP support rather than RP**
 - **how we represent NOReduPerson in OIDC world → wait for the work in GN5x/REFEDS on eduPerson?**



SE

- gov wallet will not succeed because not all students can get an swedish number
- **Observations**
 - Tendency to do new things that are not fully maintained
 - Government push for centralisation there is reluctance to accept that from unis and users
- **eduID** works but only works for the service that can accept that (it requires users to have a swedish personal ID number) - working also with Ladok



FI

- ID proofing/vetting is a solved issues:
 - for those with .fi nationality is pretty solved (not eIDAS based but via national ID system, based on the bank eID). Not readily available for foreign people. Many unis use biometric systems to read biometric info from passports.
 - national eIDAS ID too complex to use
 - Students get learners IDs



FI

- LoA different thing:
 - bank IDs can only be used for specific purposes; so private companies cannot use that.
 - Very few services require LoA
- **Pain points**
 - Federation management software: different software in use
 - bank ID coalitions is monitored by the ministry
- **Future:**
 - look at OpenID fed (HAKA is part of the pilot under eduGAIN)
 - Start to work on the verifiable credentials



NO

- integration with Microsoft
- find easier login solution for kids - they use FEIDE too
- Support students to access services
- Support services to connect to the FEIDE federation
- Support for conditional access with MS ENTRA
- Pretty good in maintaining services



NO

- Federation and wallets:
 - what do others think about **openID Federation?**
 - FEIDE is a hub&spoke so less of an issue to move to OIDC
 - Integration with bank IDs is in place
 - **National wallets & reduce the n of wallets**
- Future:
 - demonstrating the a student has specific courses can be more relevant than a master degree. How do we manage these **micro-credentials** ? Explore the concept of a more user-centric ID model
 - Proof of ID for foreigners



Possible topics for collaboration

- Wallets
 - An email will follow to work with Stefan on his pilot idea.
- Micro-credentials, verifiable credentials
 - Related to wallets ?
- Proof IDs for foreign students
- OIDC/OIDF
 - focus on the OP support rather than RP
 - how we represent NOReduPerson in OIDC world → wait for the work in GN5x/REFEDS on eduPerson?
- University Alliances ?
 - maybe define the use-case for the NRENs?
- EOSC AAI ?
 - See: <https://zenodo.org/records/15388270>