Swiss edu-ID Deployment Step 1: Short project review

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«Swiss edu-ID Step 1» work packages

• Migration strategy work packages for:
  – UniFR, UniGE, Unil, UniSG, EPFL, FHNW, ZHAW

• Functional upgrade work packages in a nutshell:
  – Support for use of AHVN13
  – Privacy and data security
  – Uniqueness
  – Credential management
  – Group management

• Project management, communication and outreach
  – Liaisons, pilots and usability tests
Functional upgrade work packages in a nutshell

- Support for use of AHVN13
  - [https://projects.switch.ch/eduid/documents/](https://projects.switch.ch/eduid/documents/) «Risk analysis about usage of AHVN13 in SWITCH edu-ID»
  - Limited benefit due to the lack of corresponding interfaces at BFS/OFS
  - No «AHVN13» attribute at this time, developments to be observed

- Privacy and data security
  - Analysis of edu-ID adoption scenario carried out, no show-stoppers identified
  - awaiting final feedback from federal data protection officer (pending for 3 years, with lots of nagging)

- Uniqueness
  - User-driven de-duplication process implemented and in production now

- Credential management

- Group management
  - A light version of group management (“complementary attributes”) could be implemented by generalising a custom solution for the “National licenses” service; now in use at multiple libraries
  - Many contacts to research teams (CSCS, SIB, SDSC, SPHN, etc.), but no convincing use cases for a more generic group management service identified yet
Liaisons

• FIDES / Identity federation of Swiss schools
  – EDK/CDIP project mandated to educa.ch
  – Participation of SWITCH under discussion with EDK/CDIP

• SwissID
  – Informal contact established with SwissSign, several workshops held
  – Promising use cases identified: “easy onboarding”, services sharing, E-ID functions

• «Swiss edu-ID Mobile APP» project of HTW Chur
  – Three mobile use cases identified, demonstrator implemented
  – Integration of OIDC provider on SWITCH edu-ID on roadmap
Pilots and usability tests

• Student registration with evento
  – Implemented by crealogix, piloted by FHNW and ZHdK
  – Now a standard extension (ONLA) to the evento distribution in use by a growing number of sites

• MFA (multifactor authentication)
  – MFA pilot implementation supported by SWITCH, in production at UniGE
  – Adapting to SWITCH edu-ID environment planned autumn 2018

• Usability tests mandated by swissuniversities
  – Heuristic evaluation (HTW Chur) & test scenarios with users (HESGE)
  – Feedback was quite positive, many recommendations were given
  – Most could be implemented to optimise the overall experience
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