



Swiss edu-ID Deployment Step 1: Short project review

SWITCH

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edu-ID Update Event, 27.6.2018, Berne

«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/> «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
 - <https://www.switch.ch/edu-id/events/trid-wg-2018/> «Secrets of the edu-ID Password»
- 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
 - https://edudoc.ch/record/130622/files/education_12018_f.pdf
- 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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