Swiss edu-ID Working Groups

Results and Further Steps

SWITCH

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Pre-Project Work

- **AAI Attribute Task Force**
  Discussion about eduPerson, swissEduLibraryPerson, ORCID, Swiss edu-ID/Identifier
  → Result: **Input for Identifier Specification**

- **Identifier Specification WG**
  2 institutions: BFH, ETH library
  → Result: **Unique Identifier Specification** (Nov. 2014)

- **High Level Architecture WG**
  7 institutions: ETHZ, ETH Library, UNIBAS, UNIGE, UNIL, UNISG, USI, UZH
  → Result: **HLA Document** (July 2014)

Phase I Working Groups

A. **Processes**

B. **Regulations**

C. **ORCID**

D. **Mobile App Support**

E. **Governance Model**

F. **Business Model**

Thank you !

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A. Processes WG

IdM processes specification	Members
• describe IdM related processes in detail • describe interfaces	9 institutions: ETHZ, FHNW, UNIBAS, UNIBE, UNIFR, UNIGE, UNIL, UZH, ZB (Moderation: Petra Kauer-Ott)
Collection of process descriptions, institutional plans, pilot ideas, issues and questions	Meeting Oct 28 2014 & individual interviews

Processes WG - Results

Processes WG report

Identification of most promising pilots:

1. **e-portfolio transfer** to national instance (access to resources for alumni)
2. **authentication** for SWITCHdrive
3. **self-registration** for candidates and guests
4. **validated identities** for library users

UNIL volunteering as candidate for an **Attribute Authority pilot**

Processes WG – Essential Features

- E-Mail address validation
- Self-registration process (-> integration into services)
- Verification of identity
- Binding rules & process for changes of core attributes (as name, based on role)
- Support attribution of access rights (with specific attributes -> basic roles)
- Uniqueness of identity (e.g. duplicate-checked -> Guest IdP migration to test duplicate checks)
- Legal framework (-> Regulations WG)
- Attribute history (-> recovery/reset process)
- Validation rules (accepted and controlled)

Processes WG – Important Features

- Additional contact attributes (like office address)
- Attribute status active/passive (detection of inactive users)
- Time stamps for attributes (history of changes)
- Validation of residence address (prepared)
- Verification of added or changed attributes (for AAI Attributes)
- Additional official identifier attributes (as OASI/AHV etc.)
- Enforce user-consent for external resource access
- Support of local attributes
- Import and change of attributes supported
- Sustainable concept for Levels of Assurance for attributes
- Processes for regular updates & "incentives"/information for users
- Care concept for LoAs (technically supported processes)
- Auditing of own and partner behaviour (governance)

Processes WG – Nice to have Features

- Additional "Portfolio" attributes (like diplomas, certificates etc.)
- Email provided with Swiss edu-ID (lifelong)
- LoAs compatible with LoA standard and own IdM
- 2-factor authentication (-> use case at UNIGE)
- Support of group management functions (-> working group)
- Building attribute sets (e.g. similar data, with same LoA)
- Levels of Assurance for authentication method enforcement

B. Regulations WG

Legal framework	Members
• identify regulations and discuss/clarify relevant questions within institutions • define policies institutions need • bring in institutional experiences with end user policies	6 institutions: ETHZ, UNIFR, UNIGE, UNIL, USI, ZHAW (Moderation: Esther Zysset)
Collection of questions	Meeting Nov 20 2014

Regulations WG – First Results

Data Protection Commissioners consultations:
- Zurich   (March 2015)
- Federal (June 2015)
- Lucerne (July 2015)

Planned:
- Fribourg (August 2015)
- 1-2 additional meetings with Data Protection Commissioners
- Collection of relevant institutional regulations

→ **no show-stoppers have been identified**
→ **attributes will have to be transferred to the Central Identity Provider once a person has left the University**

A summary of conclusions from the various Commissioners will be made available to the Working Group

C. ORCID WG

ORCID integration	Members
ORCID integration • describe current and possible future use of ORCID • describe processes for integration at institutions & possibilities of ORCID provisioning for institutional processes	**Members** 7 institutions: ETHZ, MDPI, SNF, UNIBE, UNIGE, UZH, ZB (Moderation: Rolf Brugger)
- presentations of status at institutions - ideas for ORCID projects	1 online meeting and 1 meeting in Berne, Oct 16 2014

ORCID WG - Results

1. **ORCID WG report**
    - ORCID implementations at UNIBE library and MDPI
    - Project plans at ETHZ, SNF and UZH

2. **ORCID integrated into Swiss edu-ID as linked ID**

3. Follow-Up meeting organized by community (libraries, research output measurement) (24.6.2015, Berne)
    - Usage of ORCID grows
    - Swiss Consortium under construction
    - Differentiation to Swiss edu-ID necessary

ORCID = Open Researcher and Contributor ID   14

D. Mobile App Support WG

Better mobile support	Members
- describe requirements of institutions/users - discuss ideas for better mobile support - evaluate existing solutions	6 institutions: ETHZ, FHNW, HES-SO, HTW Chur, UNIFR, UNIGE (SWITCH: Lukas Hämmerle)
- Status at institutions - Possible candidates for pilots	Individual interviews and one group interview

Mobile App Support WG - Results

Mobile App Support WG report:

- Support of mobile applications is **a must but not a high priority**
- **Long authentication session timeout** is a precondition
  for additional functions like learning analytics

1. *Low number of mobile applications*
2. *Several Apps work without authentication*
3. *Low number of users per App*
4. *Web-Apps can use authentication with AAI
   (some universities avoid native development)*
5. *Small interest in AAI Mobile Proxy*

→ *Pilot Project for a mobile authentication App
   was submitted by Christian Glahn, HTW Chur and partners.*

E. Governance Model WG

Governance documents	Members
• act out cases to check usability and robustness of governance model • identify points to be adapted/improved • discuss issues with legal representatives at institution	4 institutions: FHNW, UNIGE, UNISG, USI (Moderation Christoph Graf)
Discussion of Governance structures and measures to take	Meeting May 4 2014

Governance Model WG - Results

Governance Model WG report
is base for the future Governance Model for Swiss edu-ID

1. Use existing Governance structures

2. Expand AAI Community Group with additional stakeholder groups:
    * University administrations
    * Continuing Education
    * Alumni Organisations
    * third party Service Providers (depending on Business Model)

3. Discussion of Governance changes with AAI Advisory Committee

4. Additional input of Processes WG

5. Technical Standards Taskforce (Attribute TF with enlarged scope)

F. Business Model WG

Business models	Members
• discuss and evaluate different model options	4 institutions: FHNW, UNIGE, UNISG, USI (Moderation: Christoph Graf)
Description of assumptions, methods and further steps to elaborate final version of Business Model	Meeting May 4 2014

Business Model WG - Results

Business Model WG report

- assumption that institutions will use Swiss edu-ID
- not charge the users
- increase user-base is necessary
- keep parallel operation period of SWITCHaai and Swiss edu-ID short
  - → **early migration important!**
- involve new stakeholder groups (including third parties)

Working Groups Phase II

Open Calls for

1. Group Management
2. Processes II

Regulations WG (continuation)

Ev. group for Roadmap 2017+

Call Group Management WG

Provide **input for Swiss edu-ID group management functions** • Elaborate use cases • Define requirements based on real cases	**Member Profile:** • responsibles of tools or projects with a need for group management functionalities • people involved in group management projects • knowledge about group management tools and functions
Individual follow-up meetings to elaborate use cases/pilots	ca. 1 day; Aug.- Oct. 2015 1 meeting in person

Call Processes II WG

Requirement catalogue for Swiss edu-ID Version 2.0 and later: • attribute definitions • attribute aggregation • quality levels • attribute verification • interface descriptions • etc.	Member Profile: • Processes WG • profound understanding of IdM/IAM processes within institution • able to identify weak or critical points of current and future solutions • discuss issues with stakeholders at institution
Feedback about the draft requirement catalogue	ca. 1 day; Oct. – Dec. 2015 meeting in person, additional topical discussions

Make it yours!

Spread the call

and contact us for
- presentations/discussions
- comments & suggestions
- pilot options

Contact:
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Details about current call:
http://swit.ch/eduid_workgroups