

Swiss edu-ID Pilot Projects



SWITCH

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Call one year ago

Wanted: more services to be enabled for Swiss edu-ID.

Examples:

- Common web service, preferably of a library
- Non-web resource
- Application for mobile devices
- Resource using ORCID
- Resource using a community-ID or social service
- Resource interfacing/using existing ID-frameworks (STORK, SuisseID, Mobile ID, Swiss passport)

Pilot Projects in the Pipeline

Confirmed pilot projects

- Swiss edu-ID authentication on swissbib
- Migration of other services using aai guest login
- Swiss edu-ID authentication on mySNF (SNF)
- Swiss edu-ID authentication on SWITCHdrive
- Mobile Edu App (Mobile WG)
- Registration of prospective students (SUPSI)
- Transfer alumni portfolios to SWITCHportfolio (UniGE)
- Organization as Attribute Authority (UniL)
- Swiss edu-ID authentication on i-brain.ch (HES-SO)

Under evaluation

- Access and management of digital diploma (HES-SO)
- Self registration for prospective students (UNIBAS)
- Low-threshold registration for information events (FHNW)
- Eduroam for advanced studies (UniBAS)
- Guest-accounts (ETHZ)
- rechtsquellen.ch
- Adult learning information center (alice.ch) to adopt SWITCHportfolio

Completed case: SWITCHportfolio

- Students use and maintain a personal competence portfolio during their studies
 - Didactical tool
 - Proof for achieved competencies
 - Develop personal competencies
 - Continuing usage after studies
- Alumni-Tenant in SWITCHportfolio with Swiss edu-ID Login



Possible improvement:
Automatically migrate users
to alumni-tenant

Abandoned Case: Users of the University Library (UB) Bern

- UB clients (legal obligation)
 - University Bern affiliates
 - Residents of canton of Bern

- Swiss edu-ID Login for residents of the canton of Bern
 - Residence check using postal mail performed in Swiss edu-ID

The screenshot shows the website of the Universitätsbibliothek Bern. The main navigation bar includes 'Suchen', 'Kontakt', 'Lageplan', 'A-Z Index', and 'Sitemap'. The logo 'u^b UNIVERSITÄT BERN' is visible in the top right. A sidebar on the left lists categories: Home, suchen & finden (with 'Datenbanken' highlighted), bestellen & ausleihen, lernen & lehren, hören & sehen, forschen & publizieren, and Über uns. The main content area is titled 'Datenbanken' and features a search form with fields for 'database name contains', 'database subject', 'database type', 'database region', 'database time period', and 'access'. On the right side, there are two boxes: 'Zugriff von ausserhalb' (Access from outside) with links for VPN Clients, WebVPN, and SWITCHaai; and 'Zugriff für Kantonskunden' (Access for canton customers) with a link to 'Swiss edu-ID'. A 'Quicklinks' section at the bottom right contains links for FAQ, user accounts, VPN portal, and questions.

Confirmed Pilot Projects

Case: Swissbib

- Personal profile: preferences, contact information, bookmarks, wish-list, history, etc.
- User:
 - higher education members
 - lecturers at multiple universities
 - former students (Alumni)
- Profile with Swiss edu-ID login
- Migration of guest login

The screenshot shows the Swissbib search results page for the query 'identity management'. The page is in German and displays a list of search results. The top navigation bar includes the Swissbib logo, a search bar with the query 'identity management', and links for 'Institutional Login' and language options (DE, FR, IT, EN). The search results are sorted by 'Relevance' and show 1 of 200 results. The first result is 'Identity management' by Elisa Bertino and Kenji Takahashi, published in 2011, available in 2 libraries. The second result is 'Identity management' by Patrick Litscher, published in 2009, available in 2 libraries. The third result is 'Identity management' by Graham Williamson et al., published in 2009, available in 1 library. The fourth result is 'Identity management' by Christian Mezler-Andelberg, published in 2008, available in 3 libraries. On the right side, there are two 'Refine search' panels. The first panel, 'Library network', lists various library networks with their respective result counts: Informationsverbund Deutschschweiz (3'845), NEBIS (2'747), IDS Basel Bern (1'425), IDS St. Gallen (1'396), Réseau Romand (1'030), and IDS Luzern (864). The second panel, 'Authors/Contributors', lists authors with their result counts: Institute of Electrical and Electronics Engineers (New York, NY) (24), Goffman, Erving (17), Association for Computing Machinery (United States) (13), Bruhn, Manfred (11), Hilb, Martin (10), Tomczak, Torsten (10), Regenthal, Gerhard (9), Fischer-Hübner, Simone (8), Herbst, Dieter (8), Homburg, Christian (8), Birkigt, Klaus (7), and more...

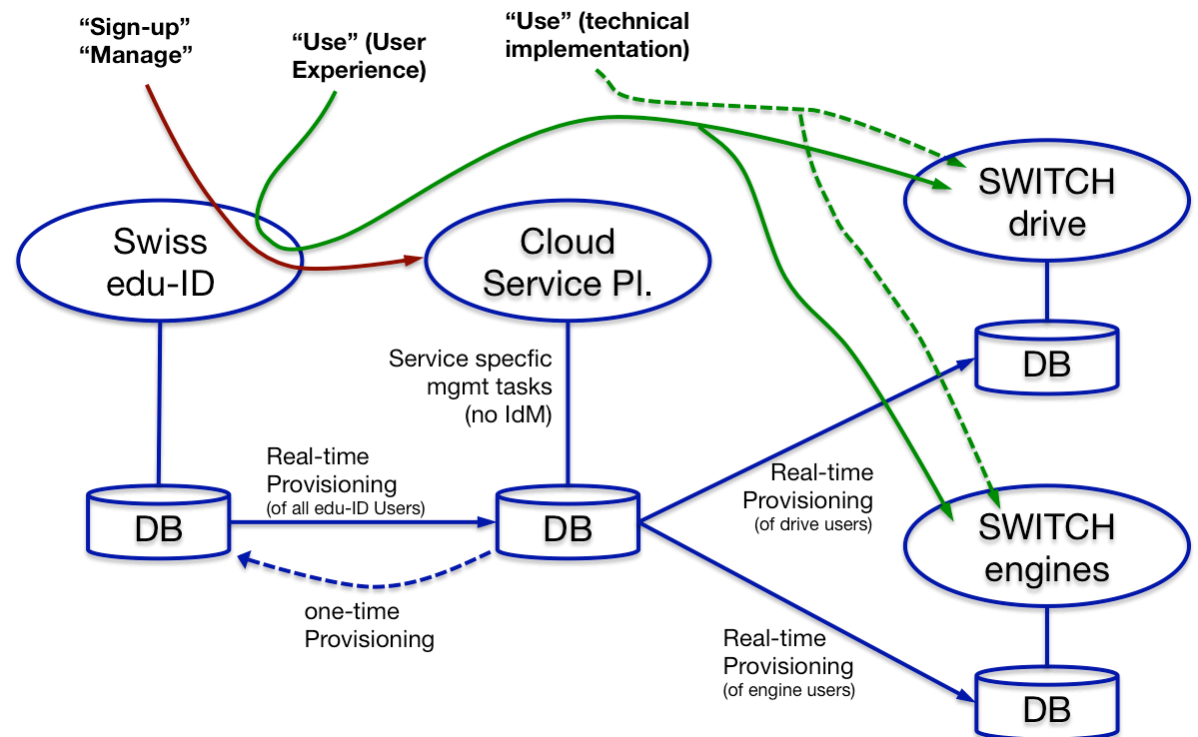
Migration of other services using the SWITCHaai guest login

- ETHZ Sharepoint
- ETHZ Blogs
- SWITCHtoolbox
- Some other tools

- Accounts are manually consolidated
 - writing conventions
 - duplicates
 - non-personal accounts
- User can re-use the same password

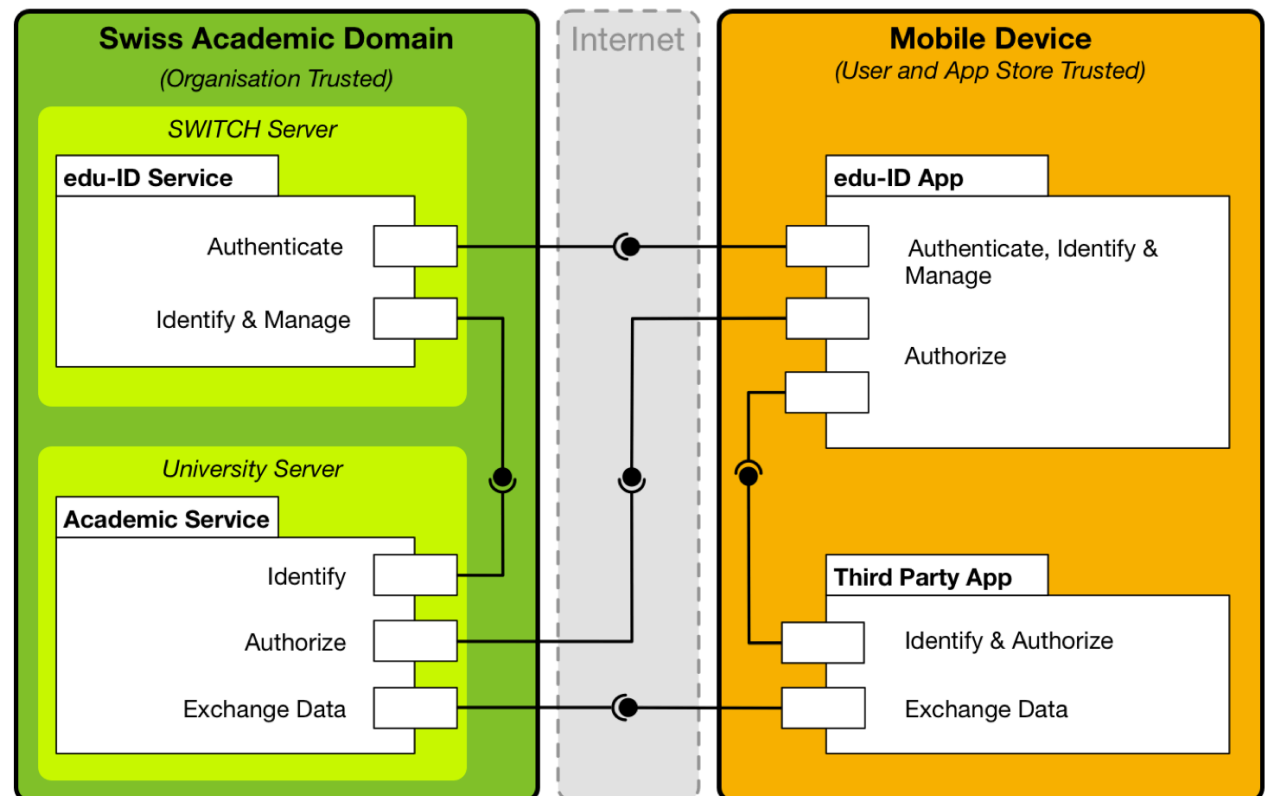
Case: SWITCHdrive and SWITCHengines

- Current cloud accounts to be replaced by Swiss edu-ID
- Multiple clients to be supported
 - Web client
 - Non-web clients: ssh, WebDAV, native Client
- Deal with multiple affiliations



Pilot Project: Mobile App

- One single authentication app authorizes many local third party apps
- Supports native apps and hybrid mobile apps
- Proof-of-concept:
 - Integrate mobile apps and LMS
 - Integration with Swiss edu-ID



Case: Registration of Prospective Students (SUPSI)

- Current registration process:
 1. Create an initial registration account (throw-away id)
 2. Applicant provides information and documents required for registration
 3. Admission office checks the applicants request
 4. If the application request is accepted the applicant is officially enrolled and he/she gets an official identity
- Project aim:
 - Replace throw-away id with Swiss edu-ID

More Pilot Projects

- i-brain (HES-SO)
 - Collaborative idea management and brainstorming platform
 - to be used by university members and public



Chalet village

Which services should be proposed in a chalet village for the vacation to be a success?

renforcer le rituels sociaux de l'année



marque fortement les rituels sociaux de l'année collectifs ou i...

#79 - caro fleury - 8. Aug 23:59 - 👍 1

je m'engage et mon énergie investie baisse ma c...



encourager les engagements à la participation à la vie local: ...

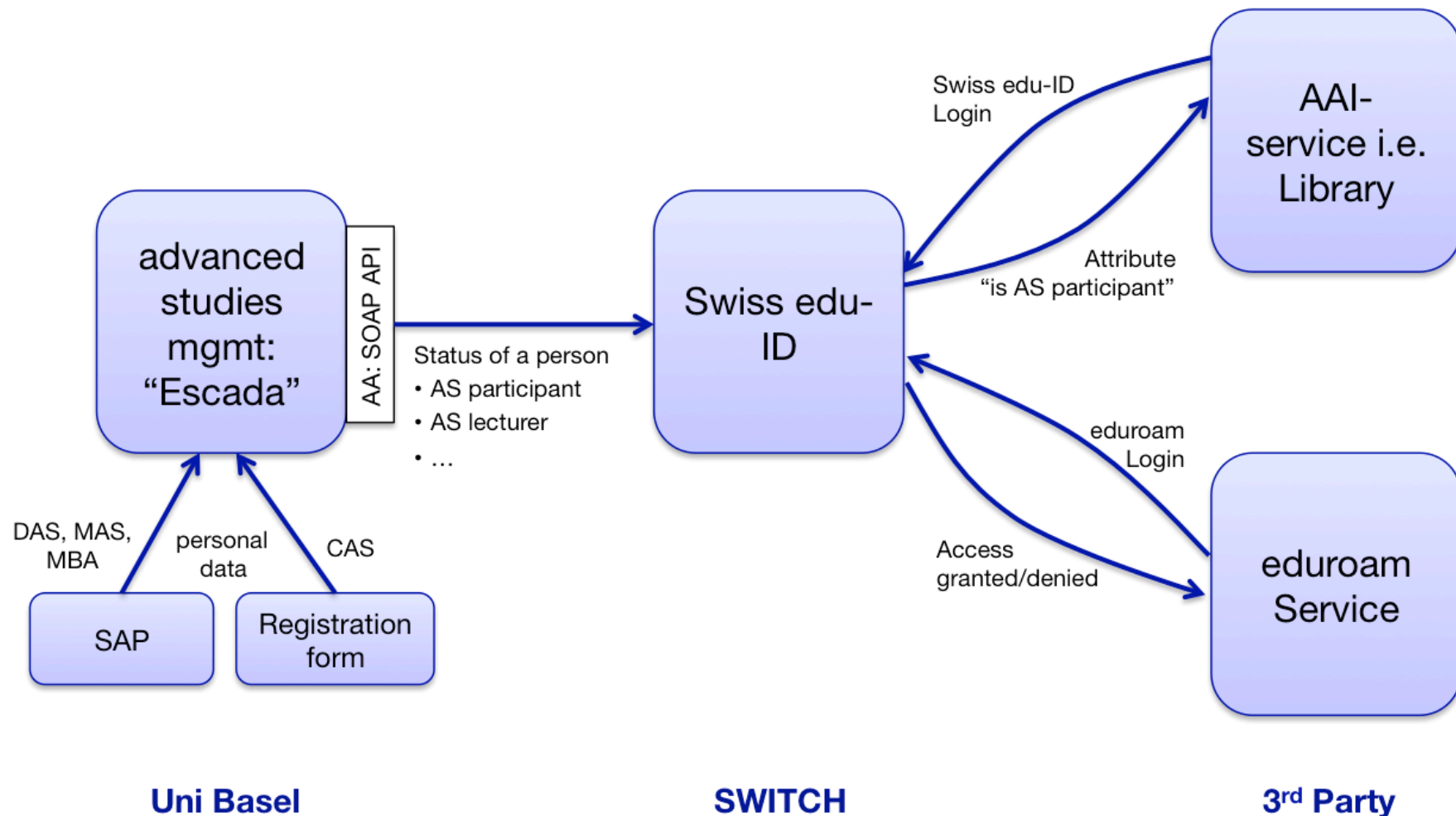
#78 - caro fleury - 8. Aug 23:55 - 👍 1

- Transfer alumni portfolios to SWITCHportfolio (UniGE)
 - Locally hosted e-portfolios are transferred to national SWITCHportfolio service for alumni

Pilot Projects under Evaluation

Case: eduroam for Further Education Students at the University of Basel

- CAS students are not centrally registered



Case: Event Registration at FHNW

- Simple / low-threshold registration
 - For large public (non-students, non-staff)
 - IT services provide registration API (exposed to the public)
 - Departments implement customized registration forms using the API
 - Users allow registration forms to access the institutional person information system (access delegation)
- Requires OAuth 2.0 / OpenID Connect

More Cases under Evaluation

- Access an management of digital diploma (HES-SO)
- Self registration for prospective students (UNIBAS)
- Guest-accounts (ETHZ)
- Law Sources Foundation (rechtsquellen.ch) of Swiss Lawyers Society
- Adult learning information center (alice.ch) to adopt SWITCHportfolio

Related CUS-P2 Projects

- Digital Lifecycle Management
 - Group management
- Swiss edu-ID Mobile App
 - Access for mobile clients

Implicitly related

- Data Analysis Service
- National Licences

Call one year ago = today

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- Non-web resource 4
- Application for mobile devices 1
- Resource using ORCID -
- Resource using a community-ID or social service -
- Resource interfacing/using existing ID-frameworks (STORK, SuisseID, Mobile ID, Swiss passport) -