Swiss edu-ID, SWITCH edu-ID and the eID landscape

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edu-ID Update Event, 27.6.2018, Berne
What’s new @ SWITCH Q2/18

• **Community Service Hub**
  POC was completed end of February
  swit.ch/csh, sebastian.sigloch@switch.ch

• **FUTURE UNIVERSITY**
  Think Tank SWITCH in partnership with W.I.R.E
  christine.lanner@switch.ch

• **Coordination office on scientific information**
  Conceptional work together with swissuniversities
  andreas.dudler@switch.ch

• **Procurement**
  Adobe Framework Agreement and Microsoft Data Processing Amendment (DPA) signed
  procurement@switch.ch

• **SLSP @ SWITCH**
  Subtenants from 1 March 2018 at SWITCH premises
  christine.lanner@switch.ch
What’s new @ SWITCH Q2/18

Security
• SWITCH-CERT
  - Mattermost, a secure chat for NREN
cert@switch.ch

• Malware / Phishing
  - New contact
  spamreport@post.switch.ch
  spamanalysis@post.switch.ch

Trust & Identity
• SWITCH edu-ID
  - Deployment step 2
  christoph.graf@switch.ch
  - Swiss edu-ID Update Event 2018, 27 June, Berne
  switch.ch/edu-id/events/update-event-2018/
  - Read our Blog
  identityblog.switch.ch

Network
• Big Data Transfer Community
  - Interdisciplinary network and security workshop
together with higher education
daniel.bertolo@switch.ch
  silvio.oertli@switch.ch
  martin.leuthold@switch.ch

• IoT Working Group
  - Interdisciplinary (researchers, network, security)
  community together with higher education
  kurt.baumann@switch.ch, daniel.bertolo@switch.ch

Infrastructure & Data Services
• SWITCHengines
  - are now qualified for SNF and Innosuisse funding
  - storage and data solutions started with universities
  - P-5 long term storage project submitted
  konrad.jaggi@switch.ch, switch.ch/engines
Targets of the project stream Swiss edu-ID

1. Modernising identity management at Swiss universities
   - For lifelong learners, designed for long-term use
   - Open to all relevant stakeholder groups
   - Interoperable with national and international initiatives and services

2. Implementing the identity hub SWITCH edu-ID
   - Operated by SWITCH for the research and education sector under the governance of the Swiss universities
   - Evolutionary extending the well-established SWITCHaai

3. Accompanied implementation at universities
Targets of the project stream Swiss edu-ID

1. Modernising identity management at Swiss universities
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3. Access control and security in the context of research and education

4. Block 1: edu-ID in the eID landscape
   - Microsoft integration concept & demo

Block 4: Microsoft integration concept & demo

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Supporting global research collaboration

Project FIDES of EDK/CDIP

Supporting the design and implementation of the identity federation of the Swiss schools

Cross-sectoral collaboration (evtl. also e-ID functions)
AAI-enabling only «half-way» done:
- often implemented for shared Web-Resources
- usually not implemented for LDAP/AD-integrated local resources

Why does this matter?...
University

Block 4: Microsoft integration concept & demo

AD/LDAP connected services:
→ edu-ID ready?
We’ll look into this…

AAI/edu-ID enabled service:
Ready for external authentication
→ edu-ID ready

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SWITCH edu-ID's contribution to the future of Swiss universities

Future University
The Future University Think Thank is an initiative of SWITCH in partnership with WIRE to proactively monitor long-term developments in the Swiss education and research landscape and to provide strategic support for decision-makers. The first published study gave rise to 10 theses.

Three of these approaches are particularly relevant for identity management. SWITCH edu-ID offers solutions for the following driving forces…
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<tr>
<th>Future drivers for the universities</th>
<th>Role of SWITCH edu-ID</th>
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| **THE END OF THE MASS LECTURE HALL** | • SWITCH edu-ID connects the analogue with the digital identity  
• Based on the existing trust relationship  
• Interworking with SwissSign/SwissID |
| **LIFE LONG LEARNING** | • SWITCH edu-ID is the user-centric, long-lived identity of Switzerland's education and research landscape  
• Networked with the future identity solution of schools in Switzerland (FIDES project) |
| **UNIVERSITIES AS ECOSYSTEMS** | • SWITCH edu-ID is the cross-university identity of all players in Swiss higher education  
• Internationally networked via GÉANT (EU project) |

See handout «Future University»
Working for a better digital world