



# SWITCH

The Swiss Education & Research Network

## Outlook & Support

**Thomas Lenggenhager**  
**[lenggenhager@switch.ch](mailto:lenggenhager@switch.ch)**

- **Next release is due summer 2007 (using SAML 2.0)**
- **Backwards compatible to Shibboleth 1.3**
- **Many improvements in general**
  - **More modular design**
  - **More flexibility for attribute resolver**
  - **Addition of a Service Provider in Java (as Java filter)**
  - **Single Logout becomes possible, but needs some effort**
- **SWITCH will beta test Shibboleth 2.0**  
**Update of deployment guides and sample configurations will be announced.**
- **Detailed info from the Shibboleth Developers**
  - **<https://spaces.internet2.edu/>**

# Shibboleth Use Internationally

- Growing coverage of Shibboleth based federations

- In production

- Finland - HAKA



- France - CRU



- Switzerland - SWITCHaai



- UK - UK Access Management Federation



- US - InCommon (and further federations on state level)



- In pilot or preparation phase

- Australia - MAMS test bed



- Belgium - Associatie K.U.Leuven



- Czech Republic



- Denmark - DK-AAI



- Germany - DFN-AAI



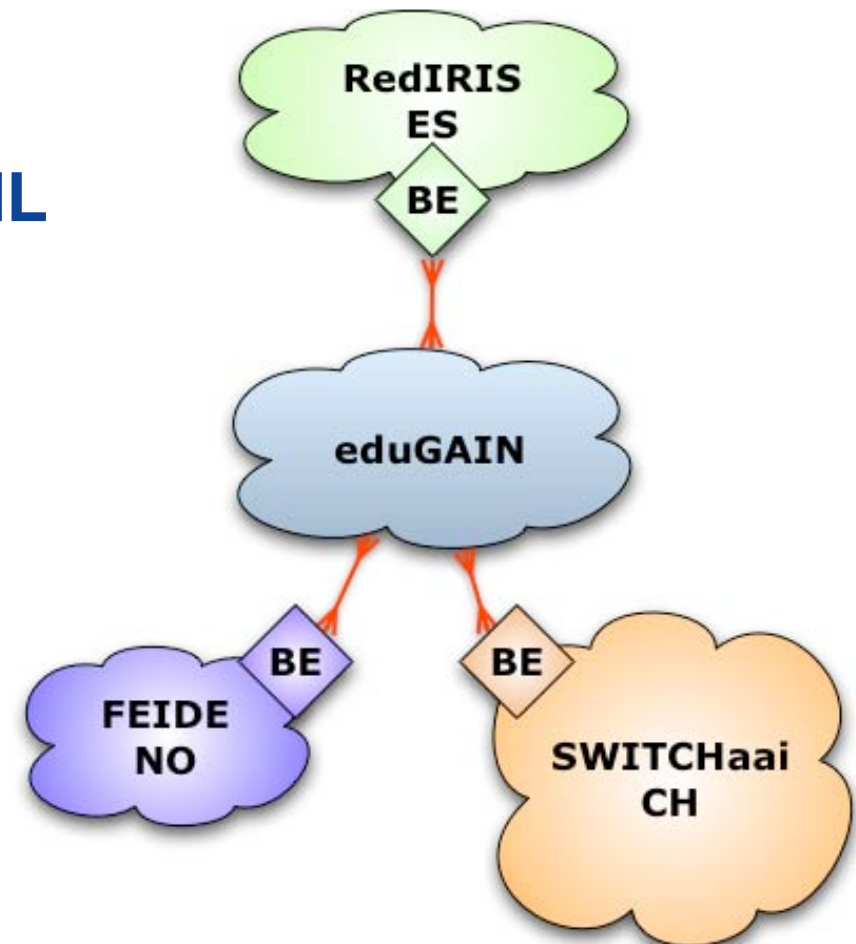
- Slovenia



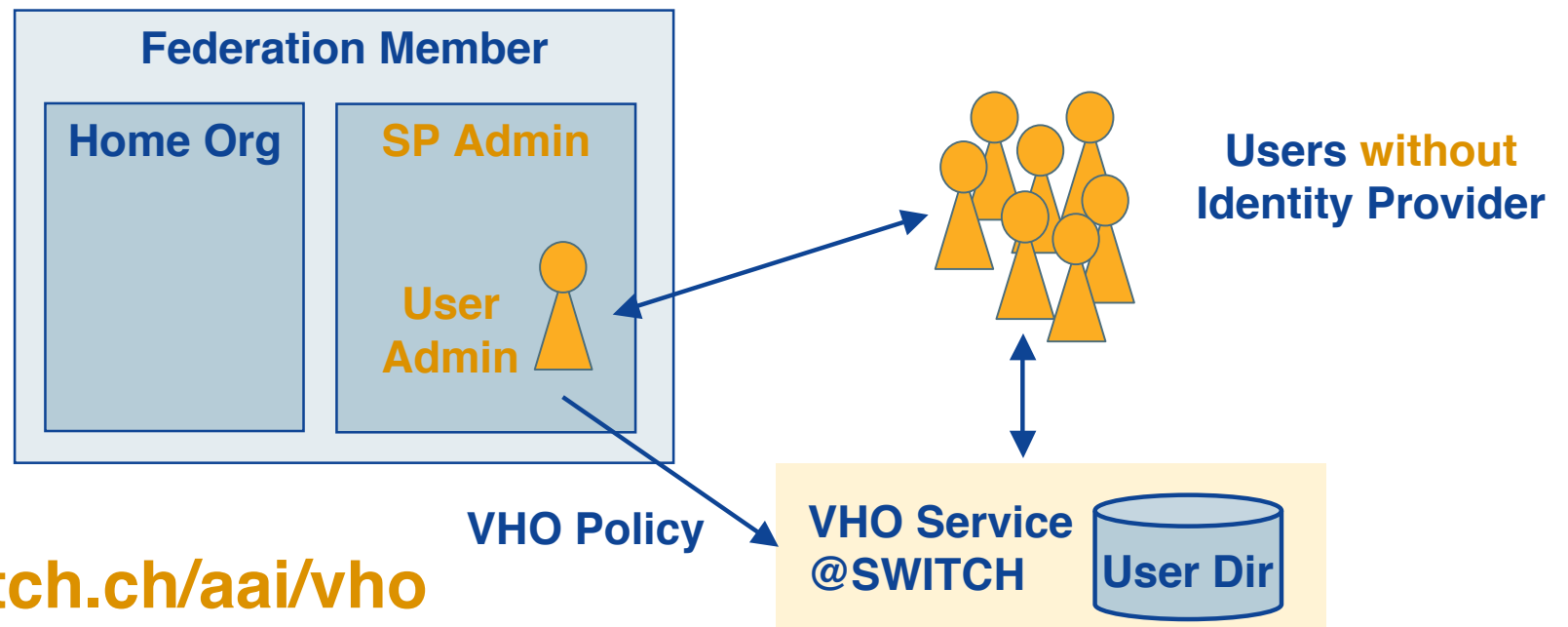
- Sweden - SWAMID



- eduGAIN is the AAI **research project** of GÉANT2
- Goal: **Pilot confederation** of national AAI federations
  - Allow **cross-border** access to services
- Lingua franca for eduGAIN is SAML
- «eduGAIN Bridging Elements» link the federations
  - Which services are available?
  - Whom to trust?
  - What needs to be translated?
  - What shall be allowed for whom?



- SP can integrate users **without** an Identity Provider
- **SP Admin** accepts VHO policy & nominates User Admin
- **User Admin** allocates «AAI-enabled» accounts for users lacking an IdP
- *A VHO account is only of use for SPs under control of the SP admin. Third parties will not trust these identities.*



<http://www.switch.ch/aai/vho>

- **Examples for design of UI**

- **Login button**



[Journal of Science and Fiction, Vol 324](#) aai

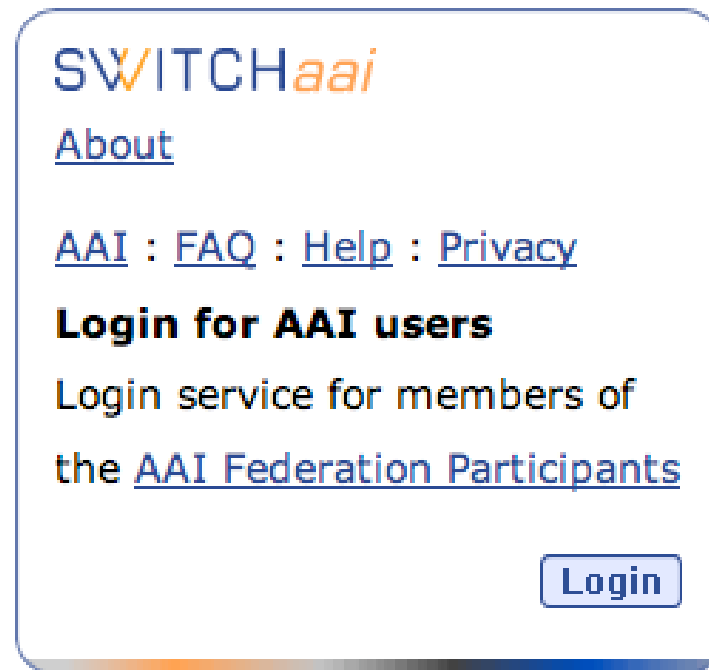
[Organization of Public Knowledge](#)

[Professor Genius' Homepage](#)

[IoE Research Database](#) aai

[Institute of Example](#) aai

- **Dual login**



SWITCH *aai*

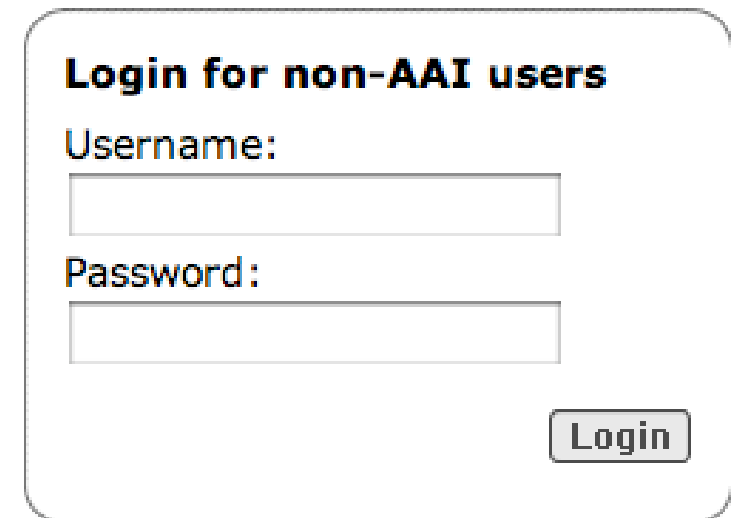
[About](#)

[AAI](#) : [FAQ](#) : [Help](#) : [Privacy](#)

**Login for AAI users**

Login service for members of  
the [AAI Federation Participants](#)

Login



**Login for non-AAI users**

Username:

Password:

Login

<http://www.switch.ch/aai/support/howto/design.html#sp>

- **Make use of the its features**
- **Provide descriptions in multiple languages**
- **Attribute Requirements**
  - Which attributes your application really needs?
  - Which attributes are just desired?
  - Explain why, use the description
- **Intended Audience**
  - For which IdPs is your SP relevant?

<https://aai-rr.switch.ch>

- <http://www.switch.ch/aai>
- **The SWITCHaai Team**
  - [aai@switch.ch](mailto:aai@switch.ch) & **044 268 1505**
  - **Presentation of the AAI project**
  - **Support for integrating resources (SUK projects)**
  - **Virtual Home Organization Service**
  - **Tools like GMT and AAI Portal**
- <http://lists.switch.ch>
  - **aai-announce** <http://lists.switch.ch/mailman/listinfo/aai-announce>
  - **aai-operations** <http://lists.switch.ch/mailman/listinfo/aai-operations>
- **Internet2 Shibboleth Wiki**
  - <https://spaces.internet2.edu>



- **AAI Resource Workshop in Lausanne**
  - **13. June 2006, 10:00 - 16:00, Lausanne**
  - **<http://www.switch.ch/aai>**
- **Shibboleth 2 related event(s)**
  - **later this year**
- **AAI Info-Day in Bern**
  - **November/December 2007**
- **All to be announced on the aai-announce list**