

AAI in France

Olivier Salaün

Comité Réseau des Universités

olivier.salaun@cru.fr



La fédération Education-Recherche

<https://federation.renater.fr>

- Service launched in 2006 by the CRU
 - Now jointly operated by CRU+RENATER
 - Migration in progress
- Provided services
 - Metadata management
 - Test infrastructure
 - Virtual home organization (CRU accounts)
- AAI members and partners
 - 57 member organizations (>800.000 users)
 - 62 resources



The organization

- Member organizations registration
 - Universities ask for the service via their RENATER account
- Partner organizations registration
 - Any organization / company can sign the partner charter, with prior moderation
- Training and information
 - Users mailing list (federation-utilisateurs)
 - Regular workshops (20-30 participants, 4 per year)
 - Webinars and meetings



AAI technologies

- Shibboleth software
 - Most sites use Shibboleth 1.3
 - Currently moving to Shibboleth 2.1
- Profiles supported
 - SAML 1.1 browser/POST
 - SAML 2.0 web browser SSO
 - Gave up the SOAP back-channel
 - Now using self-signed certificates
- SWITCH WAYF widely used



AAI-enabled universities

- Today
 - 57 identity providers
 - > 800.000 AAI-enabled user accounts
 - 60% of the end-users
- Universities information system
 - Esup-portail software package
 - <http://www.esup-portail.org>
 - LDAP + CAS
- AAI use cases
 - Regional scope (UNR, PRES)
 - National scope (UNT)



AAI-enabled services

- Type of services
 - Electronic documentation
 - E-learning
 - Wi-Fi (eduRoam also in use)
 - Software distribution (DreamSpark)
 - Shared SAP-like platform
- Scope of services
 - From very local, to national
 - International :
 - CALAMES <<http://www.calames.abes.fr/>>



EduPerson and SupAnn

<http://www.cru.fr/supann>

- National LDAP schema
 - Inherited from eduPerson
 - First version published in 2003
- SupAnn 2008
 - Defines student courses
 - Defines structures and roles (in progress)
 - EduPersonAffiliation has been precised
 - Additional features
 - Tagged attributes
 - Composite attributes



AAI-enabled software

- Elearnind (Moodle)
- CMS (Spip, typo3)
- Wi-Fi (NoCatAuth, Netinary)
- SAP
- Sympa
- DokuWiki
 - Shibboleth-based authentication
 - Sympa-based access control
 - http://www.sympa.org/faq/sympa_and_wiki_farm



Sympa mailing list software

<http://www.sympa.org>

- Sympa software
 - Developed by the CRU
 - Used by 95% of French Hi-Ed institutions
 - Middleware oriented (LDAP, AA, SOAP, etc.)
- Shibboleth plugin
 - “generic_sso” feature
 - Available in version 4.1 (2004)
 - Requires a front-end Shibboleth SP
 - Sympa expects a mail attribute
 - Allows anonymous access and other authentication methods



Plans for the future

- High availability working group
- Distributing attribute filters
- How to cope with distributed support
- Organizing regular webinars for universities
- Universities miss a group management tool
- Publishing a flyer for publishers
- Trans-national use cases?

