



Shibboleth session @ IGeLU Ghent Meeting 2010

Ghent University, September 1st 2010

Agenda

- Shibboleth implementation challenges at SFX, MetaLib, DigiTool, Aleph
- Solutions for missing support for multiple affiliations at SFX, MetaLib, DigiTool authorisation

Agenda

- Hooking up SFX into Shibboleth Service Provider
- Aleph as a primary identity source
- Working with e-resources in Shibboleth environment hands-on

Case studies



Charles University in Prague

- 100 % Shibboleth access @ e-resources
- EZproxy as Shibboleth gateway
- MetaLib, SFX, Aleph, DigiTool
- University Information System as primary users identities source, LDAP, IdP 2.1.5-slo

Czech National Library

- just implemented Shibboleth IdP 2
- EZproxy, HAN
- MetaLib, SFX, Aleph
- Aleph as primary users identities source
- ML, SFX - National Information Gateway

Academy Of Sciences Library

- just implemented Shibboleth IdP 2.1.5
- EZproxy, Squid HTTP proxy
- MetaLib, SFX, Aleph
- Aleph as primary user identities source

Shibboleth & SFX

- Not supported by PDS
- Implementation proxy style

Shibboleth & SFX

- Challenges
 - giving up user authentication at SFX, resources activation for DEFAULT institute
 - consequences - menu, AZs, exports, MARCIt!, Google Scholar export, RSI, Verde

Shibboleth & SFX

- I: one user group - one institution in SFX instance
- N: several user groups - several institutions in SFX instance

Shibboleth & SFX

- AZ (subscribed and free e-journals for one or more institution), selective inheritance
 - I
 - exclude in AZ for DEFAULT if used
 - N
 - exclude - doesn't solve different selective subscriptions by two or more institutions
- or disable inheritance and give up free Open-Access e-journals in institutions AZs

Shibboleth & SFX

- MARCIt! (subscribed and free e-journals for one or more institution), auto inheritance
 - I
 - no change
 - N
 - export SPECIFIC targets

Shibboleth & SFX

- Export (subscribed and free e-journals for one or more institution), auto inheritance
 - I
 - no change
 - N
 - export SPECIFIC targets

Shibboleth & SFX

- Google Scholar exports (subscribed and free e-journals for one or more institution), auto inheritance
- I
 - no change
- N
 - faulty institutions exports

Shibboleth & SFX

- RSI (subscribed and free e-journals for one or more institution), auto inheritance
- I
 - no change
- N
 - faulty institutions exports

Shibboleth & SFX

- Possibility to implement Shibboleth authentication as external script
- [http://sfx.jib.cz/sfxkiv3/cgi/public/user_cookie.cgi?](http://sfx.jib.cz/sfxkiv3/cgi/public/user_cookie.cgi)
- SFX v3 Advanced User Guide, Setting user_profile Cookies

Shibboleth & SFX

- Challenges
 - possibility to set up just one Institute or Group in institute variable

Shibboleth & MetaLib

- Supported by PDS
- Challenges
 - just one affiliation per user considered in authorisation

Shibboleth & DigiTool

- Supported by PDS
- Challenges
 - just one affiliation per user considered in authorisation

Shibboleth & Aleph

- Supported by PDS
- One affiliation per user considered in authorisation doesn't matter

Aleph as users identities source

- CAS - LDAP sync using ORACLE scripts
- CNL - MULTIDATA Praha - Dynamic LDAP
 - <http://www.multidata.cz/english/universal-dynamic-ldap-server>

Shibboleth & Primo, Primo Central

- Supported by PDS
- no experiences yet, sorry

Multiple affiliations solutions

- User selection of primary user affiliation/entitlement at IdP
- IdP provide selected affiliation at eduPersonEntitlement or xxxPersonPrimaryEntitlement

PDS hints

- Support for Shibboleth 2
- Support for Single Logout

Shibboleth hands-on

- Charles University E-resources Portal
 - pez.cuni.cz
 - testing affiliates welcomed :-)

SWITCH > aai



Contact

Jiří Pavlík

CESNET / Charles University in Prague

<http://www.cuni.cz/~pavlik>