Shibboleth e Thomson Reuters

HEALTHCARE AND SCIENTIFIC
Marta Plebani
Marta.plebani@thomsonreuters.com
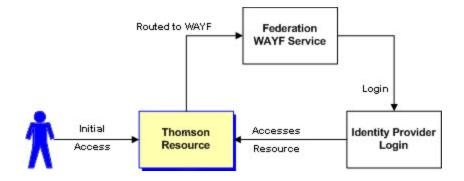
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AUTHENTICATION METHODS

- IP Authentication

- Token (username/password)

- **Shibboleth** – *Summer 2008*
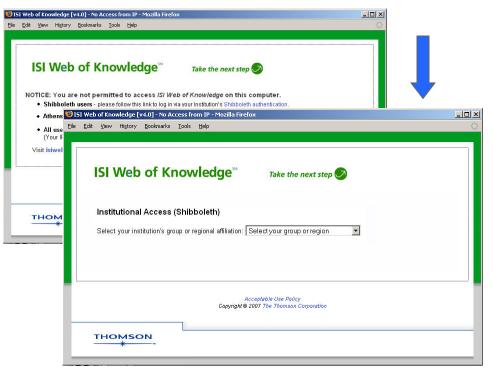**(ISI Web of Knowledge and EndNote Web)**
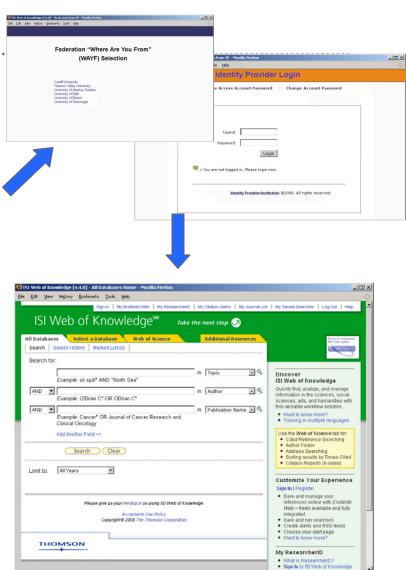
WHAT IS SHIBBOLETH?

"Shibboleth is standards-based, open source middleware software which provides Web Single SignOn (SSO) across or within organizational boundaries. It allows sites to make informed authorization decisions for individual access of protected online resources in a privacy-preserving manner." [1]

1. Internet 2. *Shibboleth Project - Internet2 Middleware*. 2008 [cited 2008 March 21, 2008].

USER EXPERIENCE

CURRENT STATUS

- Four federations implemented

- Four federations in progress for setup including IDEM

- Currently supporting Shibboleth 1.3.

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CASE STUDY: JISC (UK)
From Athens to Shibboleth

Why Change?

With Athens established as a successful solution, it is reasonable to ask why the UK should change. There are several reasons. Currently, in order to make their products available to the UK community, service providers have to implement Athens on their systems. The classic Athens system uses a **separate identifier and password** for remote resources. These may be difficult to remember alongside other, locally-used, usernames and passwords. The result is that these are **either forgotten**, reducing take-up of expensively acquired services, or are **written down**, compromising security. Shibboleth relies on locally-used identity credentials, which are also likely to provide access to personal information such as library holdings or email. These are much more likely to be remembered and kept confidential.

Finally, there are increasing **demands for more sophisticated systems** for enabling access to materials and resources driven by initiatives such as e-learning, regional collaborations, and multi-institutional projects. **Shibboleth's flexible design provides a good basis for meeting these demands.**

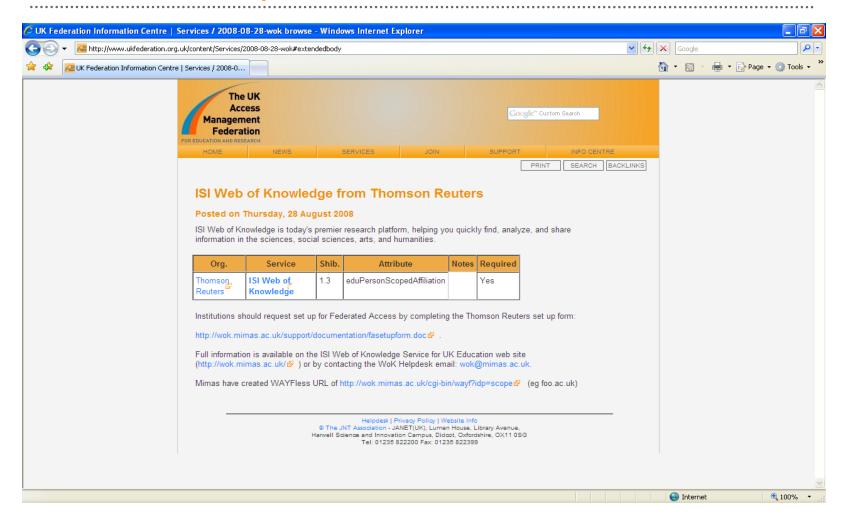http://www.jisc.ac.uk/publications/publications/pub_shibboleth.aspx

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CASE STUDY: JISC (UK)
From Athens to Shibboleth - USAGE

Sampling of Five UK Sites with Shibboleth Access for Web of Science Usage

	Oct-07 thru Feb-08 (Pre-Shibboleth)	Oct-08 thru Feb-09 (Post-Shibboleth)	Change
Site A	27%	24%	-3%
Site B	26%	27%	1%
Site C	23%	37%	14%
Site D	34%	39%	5%
Site E	20%	15%	-5%
		Average Athens - Shibboleth Usage Difference	**2%**

CASE STUDY: JISC (UK)
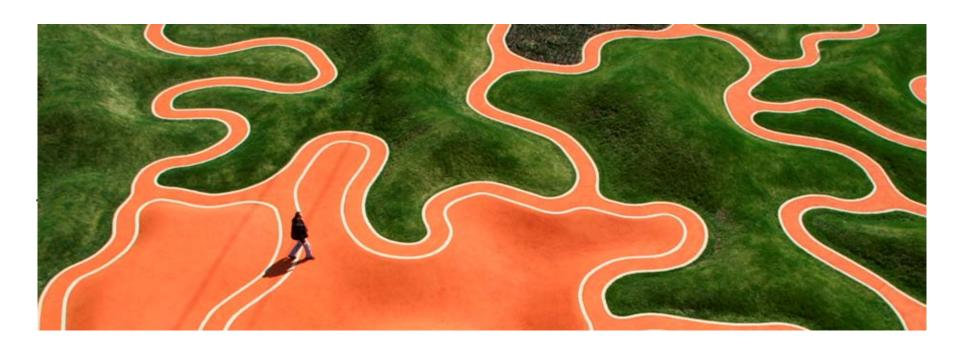## Shibboleth Implementation

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IDEM FEDERATION

• First phase of implementation concluded at the end of last week

•Contract between IDEM and TR to be signed in the next months

•TR will develop a website to give implementation details to any interested institution (thank you to IDEM commitment in this project!!)

•Generally, IDEM has helped TR to give a structure to the Shibboleth project

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Thank you!