National Library for Health and open standards support for access management

Roadmap Scoping and Evaluation project

Background

- The National Library for Health (NLH) holds the Athens contract on behalf of the NHS to provide an Access Management Service (AMS) to the NHS in England and the Department of Health

- The current contract runs for 5 years (from Spring 2007) and is let to Eduserv plc. The contract is in two halves. First Business as Usual allows for the ongoing support and development of the current Athens based service. The second part provides for the joint development of an open, standards based service capable of integration with other Identity Providers

- Beyond the end of the current contract there may be a number of options for Access Management in the NLH

Developments in the IP Landscape

- Proprietary systems are inhibiting
    - New Open Standards and de-fact sandards are emerging
    - Open ID
    - SAML
    - Shibboleth
    - Microsoft Cardsafe
    - More will emerge before there is rationalisation…
  - The trend is to put Identity and Profiles in the hands of the user, whilst preserving confidentiality

Future Direction

- NLH wishes to ensure that sign-on services used by NHS library services are able to
  - Accommodate all NHS staff in a simple way, encouraging maximum uptake of NLH services by those authorised to use them
  - Support access by health related students and those who teach them, and University staff with honorary NHS contracts or equivalent authorisation
    - Join up access between
    - NHS Mail,
    - NHS Electronic Staff Record and NHS eLearning systems
    - Join up access
  - with the NHS Research Community via the NIHR

Project Objectives

- The objective is to deliver an implementation plan for achieving a SAML compliant knowledge sign on for the NHS library service in England during the lifetime of the Eduserv contract
- This a complex area, prone to mis-conceptions.
  - The work will commence with development of Use Cases,
  - identification of benefits and
  - risks of migration,
  - establishment of requirements and
  - infrastructure components and
  - dependencies.
- The principle output during this period will be
  - an implementation road map,
  - with a view to developing demonstrator pilots with one or more external institutions or content providers.
- Further stakeholder events will be organised as part of a communications strategy to ensure that the NHS library service

In Scope

- Access to NLH services by authorised users
- Access to local NHS library services in England, including local content
- Access to any other NHS services in England currently controlled by Athens
- Access management for the National Institute for Health Research (NIHR) (if they choose to be involved)
- Access by NHS (England) staff to University library and knowledge services where authorised
- Out of Scope
    - Access to NHS library and knowledge services in Scotland, Wales and Northern Ireland (but with strong communication and discussion of plans)

Project Deliverables

- Publish a "road map" document to our stakeholders
- 2. Collection and documentation of User Scenarios from stakeholders, with technical commentary on issues for implementation
- 3. Formal UML based Use Cases and Sequence diagrams. Attribute requirements identified.
- 4. Analysis of benefits and risks associated with federated access management
- 5. NLH becomes a member of UKAMF as IP or SP or both
- 6. Technical Framework document describing message requirements.
- 7. One national workshop with library and content provider stakeholders
- 8. Establish 1 or more pilot demonstrators with one stakeholder and one content provider
- 9. Evaluation of pilot(s)
- 10. Communications strategy and communications products, including one or more presentations and newsletters and an ongoing Q&A list.

- A Project Board will comprise:
- Ian McKinnell, Head of Development for NLH
- Pauline Mace – NARAG
- Cheryl Twomey, co-chair of NLH TDAG
- Malcolm Teague – NHS-HE forum
- Jeremy Sharp or Henry Hughes – UK AMF

Delivery team

- - NLH technical architect
- - NLH Business Analyst
- - UK AMF consultant
- -Pilot site reps
- Pilot content supplier
- Eduserv technical support

Timetable…to be confirmed

• **Collection and documentation of User Scenarios from stakeholders, with technical commentary on issues for implementation**	**Sept 08**
• **Formal UML based Use Cases and Sequence diagrams. Attribute requirements identified.**	**Oct 08**
• **Analysis of benefits and risks associated with federated access management**	**Oct 08**
• **NLH becomes a member of UKAMF as IP or SP or both**	**asap**
• **Technical Framework document describing message requirements and the "road map" document**	**Nov/Dec 08**
• **One national workshop with library and content provider stakeholders**	**Jan 09**
• **Establish 1 or more pilot demonstrators with one stakeholder and one content provider**	**Mar 09**
• **Evaluation of pilot(s)**	**Sept 09**