



UK Access Management Federation for Education and Research

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Overview

- What is it?
- What's it used for?
- Benefits
- Suggested approach
- What do I need to do to join?
- The global perspective
- Further information



What is it?

- Funded by JISC & Becta
- Operational management by UKERNA
- For UK research, FE, HE and schools
- Organisations and institutions providing services to these sectors.



What is it?

- A group of member organisations who sign up to a set of rules
- An independent body, managing the trust relationships between members
- End user organisations act as ‘identity providers’ (IdPs) and optionally ‘service providers’ (SPs)
- Publishers and resource providers act as ‘service providers’ (SPs)

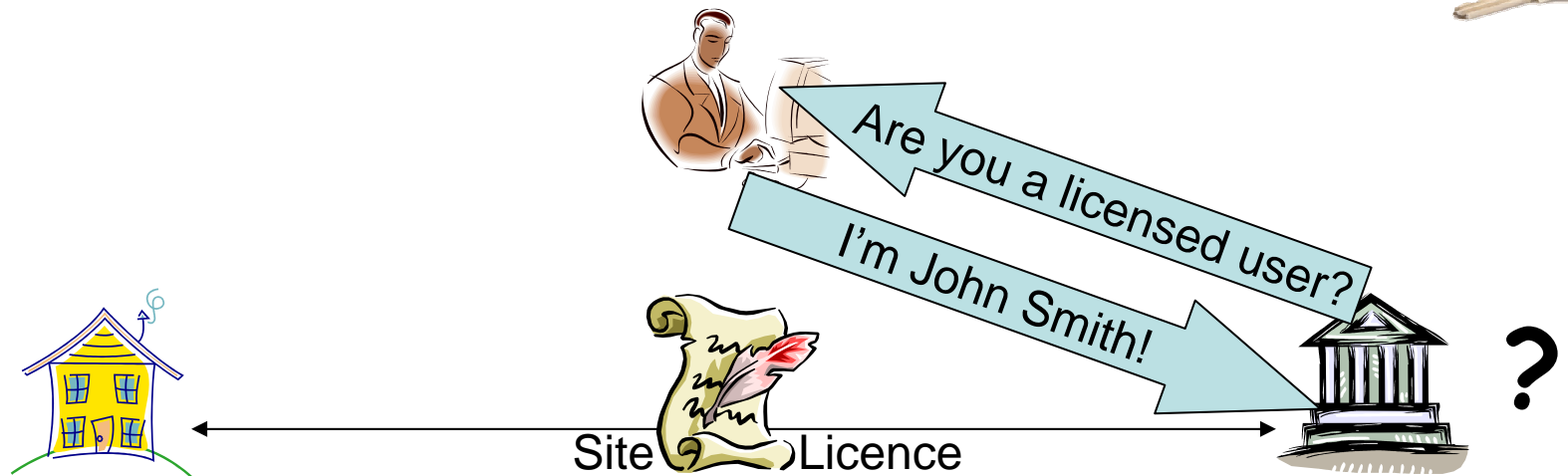


What's it used for?

- Permits browser user based access to controlled information securely from anywhere without additional passwords using information located at the user's home organisation.
- Allows resource owners to control access to content based on user characteristics rather than individual usernames and passwords.



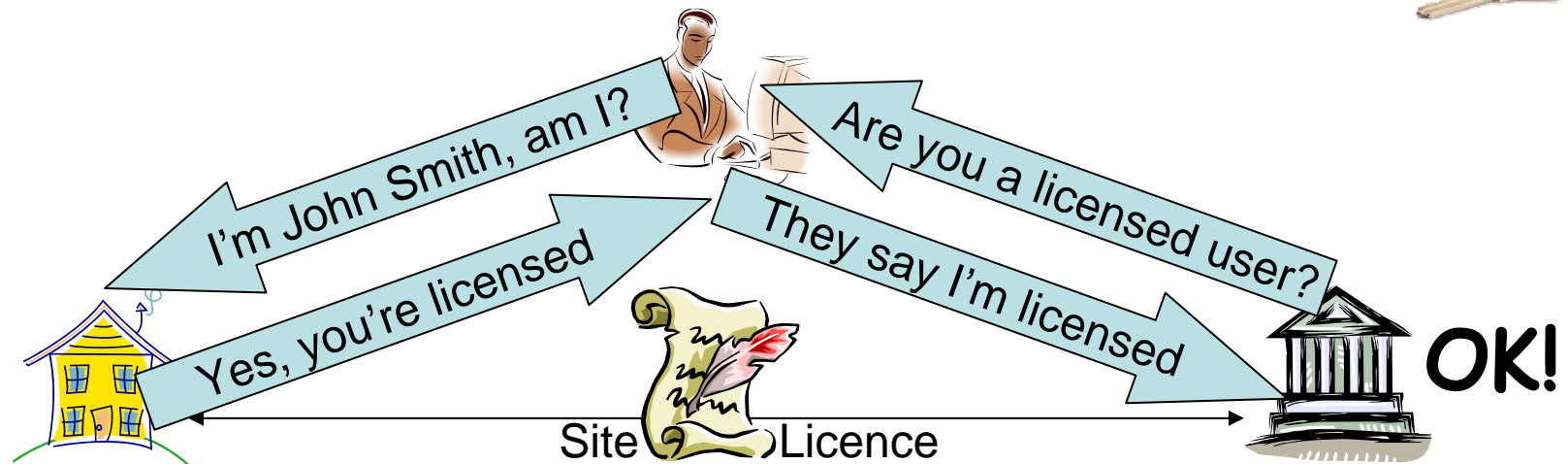
AuthN and AuthZ



- Publisher knows more than it wants and less than it needs
- User's identity and personal data are known to all



Federated AuthN & AuthZ



- Publisher knows exactly what it needs
- User's identity and personal data are protected



Suggested approach

- Review your identity management strategy
 - for example, how many directories do you have and who owns them?
- Build the business case
- JISC will cease to centrally fund Athens in July 2008, options
 - Join federation, subscribe to ‘Outsourced IdP’
 - Join federation, continue to use Athens through gateways
 - Join federation, deploy community supported tools
 - Join federation, using tools with paid-for support



What do I need to do to join?

- Identify your host organisation (the legal body that will sign the rules of membership)
- Arrange for your host organisation to sign the rules of membership and nominate
 - Executive liaison who agrees, on behalf of the organisation, to be bound by the rules of membership
 - Management liaison who registers entities
- Once membership accepted management liaison can register entities
- Details of the entity added to federation metadata



The in house approach

- Review directory infrastructure
- Obtain X.509 server certificate (JANET SCS)
- Download Shibboleth software for appropriate platform
- Select web single sign on package (e.g. CAS, Pubcookie)
- Install and configure Apache, Tomcat and Shibboleth IdP
- Decide on attribute release policy
- Configure systems to regularly update metadata



The Global Perspective

- Australia – IAM
- Denmark – DKAAI
- Finland – HAKA
- France – CRU
- Norway - FEIDE
- Switzerland - SWITCH
- UK – Access Management Federation
- USA – InCommon



Further Information

- Website
 - www.ukfederation.org.uk
- E-mail lists
 - Ukfederation-announce@jiscmail.ac.uk
 - Ukfederation-discuss@jiscmail.ac.uk



Questions?