

Federated Authentication in American Libraries

David Kennedy
Johns Hopkins University
CANS 2013, Hangzhou

- Federated authentication: Why is it important for libraries?
- What is the value of an identity federation?
- InCommon Federation – How did we get here?

Libraries – Why federated authentication?

- Single Sign On across library and campus services
- Extends single sign on to 3rd party e-resource vendors
- License compliance
- IP address not sufficient technology
- SAML / Shibboleth
 - Allows for personalization
 - Integrated into most library services
 - Fine grained access control

Libraries – Johns Hopkins University

University Services



Microsoft®
Outlook® Web App



JOHNS HOPKINS  ENTERPRISE AUTHENTICATION

Enter your Login ID and Password

Login ID

Password

Login

The purpose of Johns Hopkins Enterprise Authentication is to provide a single sign-on functionality for our customers to access many applications with just one login.

[First time JHED User?](#) [Forgot Password?](#) [Change Password?](#)

[Login Problems?](#) [Frequently Asked Questions](#)

Johns Hopkins Enterprise Authentication - v9.0.6-22
Use of the Johns Hopkins Enterprise Directory (JHED)

© 2013 Johns Hopkins Institutions. All rights reserved.

Library Services

Find It

ILLiad



E Resources



Federation: What is the value to libraries?

- Establish trust framework
- Multi-institutional collaboration
- Simplify implementation

Federation: InCommon

- 383 higher ed, 28 labs / research centers, 152 sponsored partners
- Shared trust metadata services
- Multi-institutional sharing (wikis, document stores, etc)
- Implementation help: use cases, guides, best practices, registry of library resources

InCommon: How did we get here?

- InCommon membership has doubled since 2011
- InCommon started in 2004
- By 2007, very little publisher participation
- Formed InCommon Library Working Group in 2008, worked through 2010

InCommon Library Working Group

- Targeted top 16 e-resources not in InCommon
- Approached sales and technical contacts (on behalf of 20+ customers)
- Offered sponsorship and onboarding guidance and testing
- Developed best practices, implementation resources, and a registry of library resources

Working Group Members

- Brown University
- Clemson University
- Cornell University
- Duke University
- Internet2
- Johns Hopkins University
- Michigan State University
- MIT
- North Carolina State University
- Northwestern University
- Penn State University
- Stanford University
- University of California, San Diego
- University of Chicago
- University of Guelph
- University of Maryland, College Park
- University of North Carolina, Chapel Hill
- University of Pennsylvania
- University of Washington

Keys to our success

- Strength in numbers
- Specific best practices (including ARP)
- Identified sponsorship and testing plan
- Persistence, persistence, persistence

Best practices

- InCommon library working group
<https://spaces.internet2.edu/display/inclibrary/Best+Practices>
- NISO “ESPreSSO” – RP-11-2011
http://www.niso.org/publications/rp/RP-11-2011_ESPreSSO.pdf