External Authentication Focus Group

Collaboration: Who and When

Fall 2016 - Summer 2017

Members of IGeLU, ELUNA and Ex Libris Begin Discussions About Retiring Internal Authentication in Alma

ELUNA and IGELU Steering Committees Charge the Authentication Focus Group (AFG)

Michael North (Co-Chair), Northwestern University, ELUNA SC

Mark Dehmlow (Co-Chair), University of Notre Dame, IGeLU SC

Paul Joseph, University of British Columbia, ELUNA SC

David Allen, State Library of Queensland, IGeLU SC

Collaboration: Who and How

Meetings with Ex Libris staff - Bar Veinstein, Dvir Hoffman, Josh Weisman

Collaboration with user community : Surveys (2)

Survey 1: Assess Potential Impact on Community

Survey 2: Survey of Existing and Planned Institutional Identity Management Systems

Survey 3: Assess Community Ability to Implement Proposed Options (*Coming Soon*)

Ongoing Review and Evaluation of 3rd party External Authentication Services by AFG and Ex Libris

AFG and ExLibris Work Areas Review

Work Review Broken Down into These Areas :

Technical Requirements of Identity & Access Management (IAM) Services to Support Alma Authentication

Institutional IAM Issues, Policies, and Methods

Review of Social Media Authentication

Review of Commercial Identity as a Provider (IaaP) Services

Review of Passwordless Services (Sign-in via email)

Identity & Access Management (IAM) Requirement Services to Support Alma Authentication

AFG Reviewing :

INSTITUTIONAL REQUIREMENTS

- Meets Institutional ID Security/Privacy
- Institutional Additional Staffing Impacts
- Additional Institutional Knowledge
- Levels of Institutional Responsibility for ID Product/System
- Institutional Workflow

SOLUTION FEATURES

- Free and Fee-Based Service
- Cloud Hosting vs. Local Hosting
- User Limits
- 2-Factor Authentication Compatible
- Integrates with Ex Libris Products

ADDITIONAL CONSIDERATIONS

- Applications to Sync Alma to the ID system
- Consortia : Multiple Auths and/or Combined with Social Media Auth
- Cost
- Ease of Use for the Patron
- Ex Libris Ability to Support the Institutional Auth System

Institutional Authentication Methods Review

- Issues Surrounding Institutional Authentication Methods and Policies (Library vs. Central IT) (Issues Surrounding Non-institutional Patrons without Institutional ID's - (a) a few of these (b) many of these (c) not part of institutional authentication system

Central University Auth Enterprise Services vs. Library (Services and Support)

Common Methods:

- LDAP

- Shibboleth

- CAS

Social Media Authentication Review

Background for Social Media Authentication Usage

Focus on OAuth - Facebook, Google, Twitter

Some Sites are Looking at LinkedIn or Other Social Media Authentications

Already Available in Primo! Coming for Alma (Staff) Soon

Commercial IaaP Services Review (Identity as a Provider)

Azure (Free and Enterprise)

Auth0

OneLogin (Free vs. Fee)

Others Under Consideration or Review ? Okta?

Ex Libris Hosted Under Investigation

Passwordless (Sign-in via email) Services Review

Passwordless Authentication Methodology

Available for Primo (patrons) in June 2017

Ex Libris Commitment to Passwordless Authentication for Alma (staff)

No Availability Date Yet

Moving Forward : What is Coming Next !

Finish Assessment

Matching Authentication Features Against the Preliminary Survey of Customer Needs

Will be Used to Update the Requirements Matrix

Present options to Customers in Third Survey

Results About How Customers Feel Their Needs are Met by Proposed Solutions Will be Published to Community

Review Results and Determine Additional Steps

ACRONYMS

AFG	Authentication Focus Group
IAM	Identity and Access Management
IaaP	Identity as a Provider
Auth	Authentication
LDAP	Lightweight Directory Access Protocol
CAS	Central Authentication Service
OAuth	Open Standard for Authorization

THANK YOU !