For the next 10 mins ...

1. Why is Seamless Access?
2. State of the project
3. How can you participate?
To recap ...

- The Resource Access in the 21st Century project (RA21) initiated in 2016, initially to explore the challenge of remote access.
- Stakeholders from the publishing, library, software, and identity communities; input from 60 organizations.
- Identified that Federated Authentication held the most promise for providing a robust, scalable solution for remote access to scholarly content.
- Investigated barriers to take-up, developed best practices, and piloted technical approaches to simplifying access.
To recap ...

- Conclusions published as a draft NISO Recommended Practice in April 2019
- >200 comments helped identify further areas for investigation and confirm the value of testing a beta service
- Final NISO Recommended Practice* published in June 2019.

What is SeamlessAccess?

A coalition of 4 organizations now building an operational service based upon the RA21 recommended practices.
Why Are We Here?

- Improve remote access scenarios
  - Increase in off-campus access
  - Faulty use case assumptions
- Improve usability via a secure, single sign-on solution
- Personalized user services capabilities
- Enhance user privacy mechanisms
What does Seamless Access do?
Login placement and language inconsistent across sites
Authentication experience difficult to understand
Seamless Access Provides an Improved User Experience
Makes federated authentication (e.g. Shibboleth) easier to navigate

Preparation of Nonprecious Metal Electrocatalysts for the Reduction of Oxygen Using a Low-Temperature Sacrificial Metal
Talha Al-Zoubi, Yu Zhou, Xi Yin, Blanka Janicke, Chengjun Sun, Charles E. Schulz, Xiaohui Zhang, Andrew A. Gewirth, Pinshane Huang, Piotr Zelenay and Hong Yang*

Cite this: J. Am. Chem. Soc. 2020, 142, 12, 5477-5481
Publication Date: March 2, 2020
https://doi.org/10.1021/jacs.9b11061
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Standard button design drives user recognition
Chosen institution is remembered for all future visits
ACS Publications’ Experience

• ACS Publications deployed the Seamless Access user experience on March 1, 2020.

• Throughout March and April, ACS Publications significantly expanded institutions with federated access capability.
State of Seamless Access
When is Seamless Access?

- **Piloting phase RA21**: December 2016 – June 2019
- **SeamlessAccess Beta Phase Operational**: July 2019 – December 2020
- **Full service operational**: January 2021 - onwards
Current State of Implementations

Live
- ACS
- Elsevier ScienceDirect
- Springer Nature
- Wiley
- Atypon (enabler)

Committed & Upcoming
- Digital Science
- O’Reilly Media
- Taylor & Francis
- Elsevier Central
- DARIAH EU
Current Service Status

• Hosted via globally distributed CDN

• Monitoring and operations provided by SUNET (Swedish Academic Network Operator)

• Live status dashboard available at https://status.seamlessaccess.org
Seamless Access Activities
## Proposed Entity Categories

<table>
<thead>
<tr>
<th>Category</th>
<th>Use Case</th>
</tr>
</thead>
<tbody>
<tr>
<td>Authentication Only</td>
<td>Service Providers who grant service access solely based on proof of successful authentication (completely anonymous)</td>
</tr>
<tr>
<td>Anonymous Authorization</td>
<td>Service Providers that grant service access based on proof of successful authentication AND which make authorization decisions based on affiliation and/or entitlement</td>
</tr>
<tr>
<td>Pseudonymous Authorization</td>
<td>Service Providers that grant service access based on proof of successful authentication AND which make authorization decisions based on affiliation, and/or entitlement, and offer personalization based on a pseudonymous user identifier</td>
</tr>
</tbody>
</table>

SPs may not combine more than one RAEC nor combine with the R&S entity category
Entity Category Next Steps

- The REFEDS Schema Editorial Board will manage a public consultation process
  - Public Comments closed Aug 31
  - Details at [https://seamlessaccess.org/posts/2020-07-08-entitycategories/](https://seamlessaccess.org/posts/2020-07-08-entitycategories/)

- If approved, REFEDS will become custodians of the specs and NISO will endorse
- This work informs a new Seamless Access working group on Contract Language that will “define and promote language that may be used in contracts that include provisions for federated access.” This group is active now.
What we’re working through

- T&Cs for Service Providers
- User Consent workflow
- Access to IdP choices prior to authentication
- Feature requests e.g. ability to customize list of IdPs
How can you participate?
Next steps for Service Providers

Visit [https://seamlessaccess.org/work](https://seamlessaccess.org/work)

Contact us:
Heather Flanagan
contact@seamlessaccess.org
Next steps for Identity Providers / Libraries

- Plan for transition
  - Is SAML supported at your institution?
  - Privacy policies and attribute release
  - Working with IT
- Evaluate vended solutions
- Get involved
Next steps if you want to learn more

- Sign-up for our monthly email updates
- Join a working group

contact@seamlessaccess.org

https://seamlessaccess.org/
contact@seamlessaccess.org

thank you!

Seamless Access.org

@seamlessaccess
Just-in-case slides
User Consent Workflows

Un-check box to opt out

Click to ‘Learn more’

Access to local storage blocked