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Demystifying the ArcGIS Online Sign in Options

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Mike Gregotski | Team Lead, Technology Adoption

March 18, 2021

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Today’s Speakers

John Osborne
Solution Architect, Technology Strategy

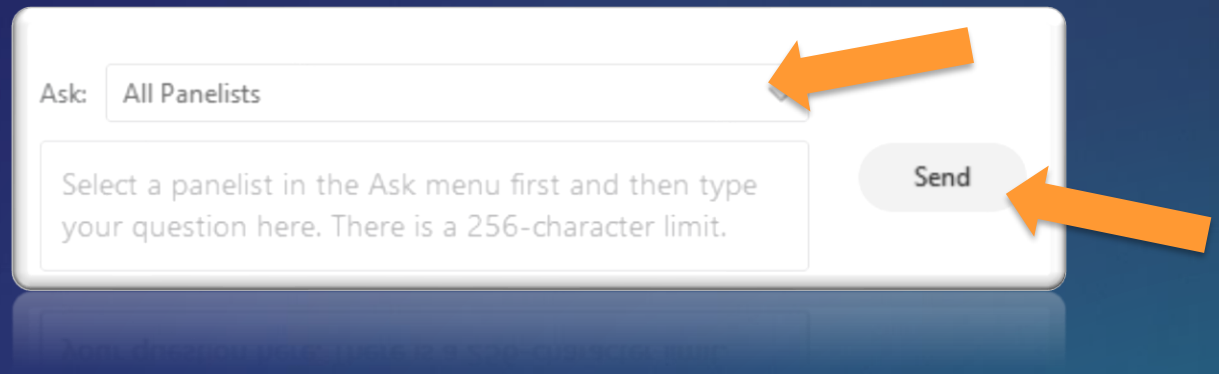
Mike Gregotski
Team Lead, Technology Adoption

Surveys and Recordings

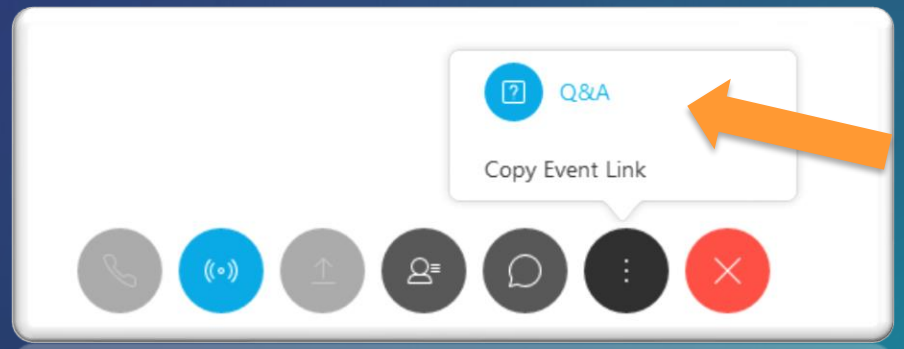
- We are recording today
- Expect an email from us with link
- Please share your thoughts on the exit survey

Open to Questions

- Please use the Q&A panel:
  - Choose *Ask: All Panelists*, type your question and click *Send*



- If you're unable to see the Q&A panel, click the three dots and then the Q&A button on the control dock at the bottom of your screen:



Today’s Agenda

This webinar is designed to help you understand:

1. Authentication options in ArcGIS Online
2. ArcGIS Online checklist and preparing SAML authentication
3. Bringing it all together with ArcGIS Online and SAML authentication

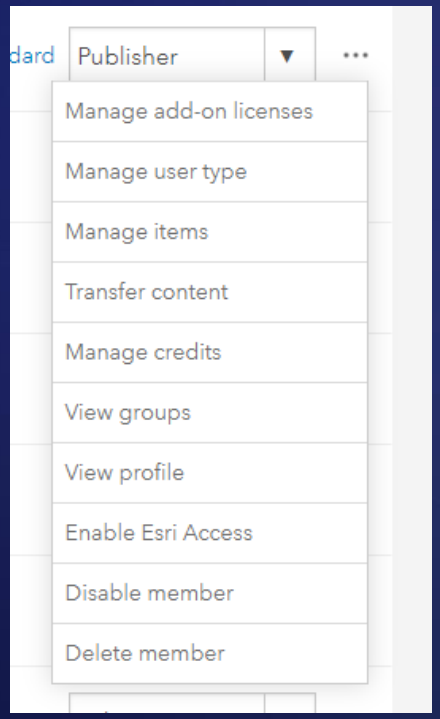
But first, it’s time for a poll!

Authentication options in ArcGIS Online

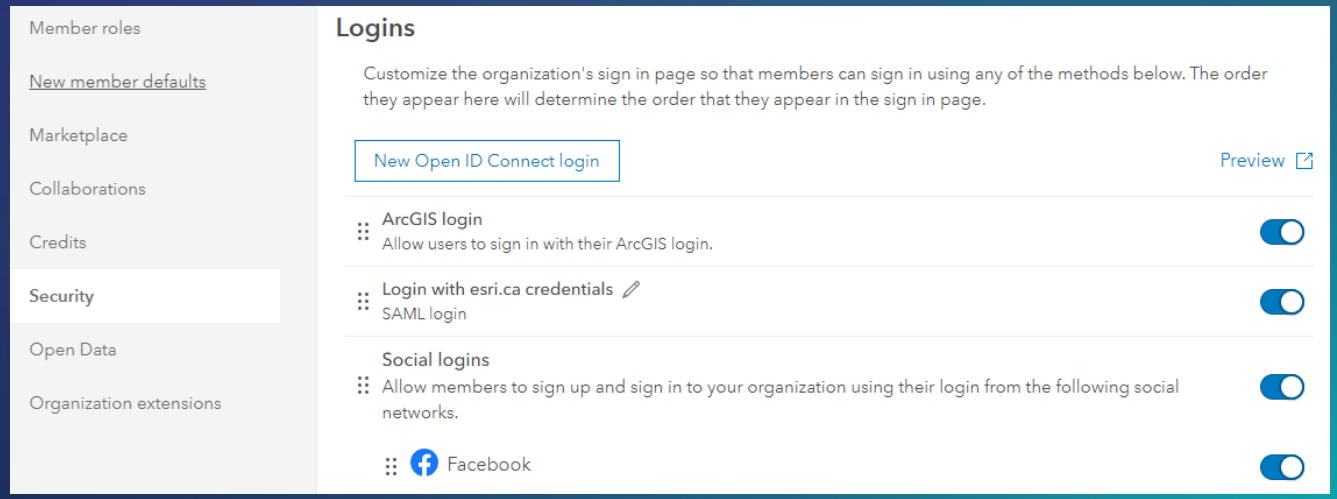
ArcGIS Online offers sign in options

User administration and authentication

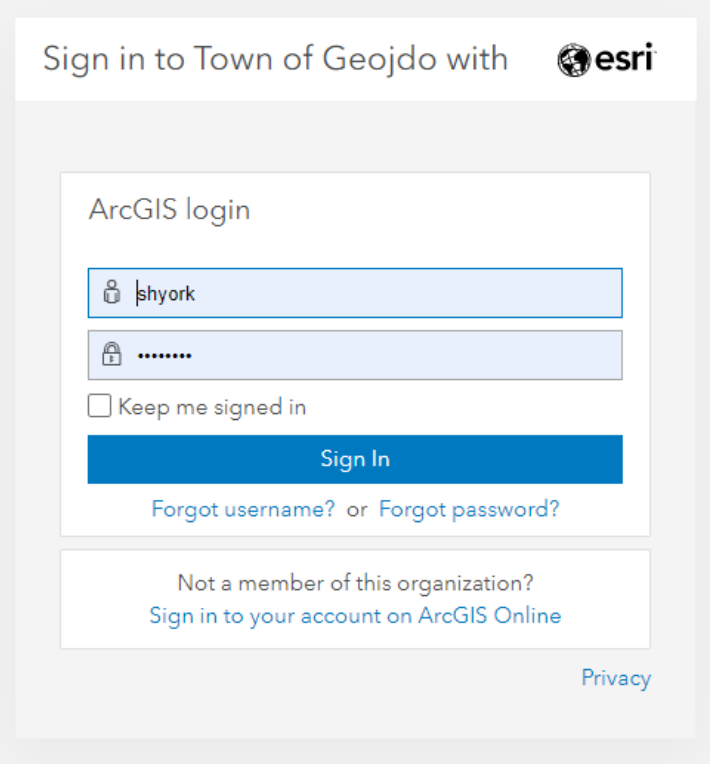
- User management
  - Pre-create users
  - Auto join
  - Manage
    - Licenses
    - User types
    - Roles



- Organization settings
  - Security
  - Member roles
  - Credits
  - New member defaults



Authentication options – ArcGIS accounts

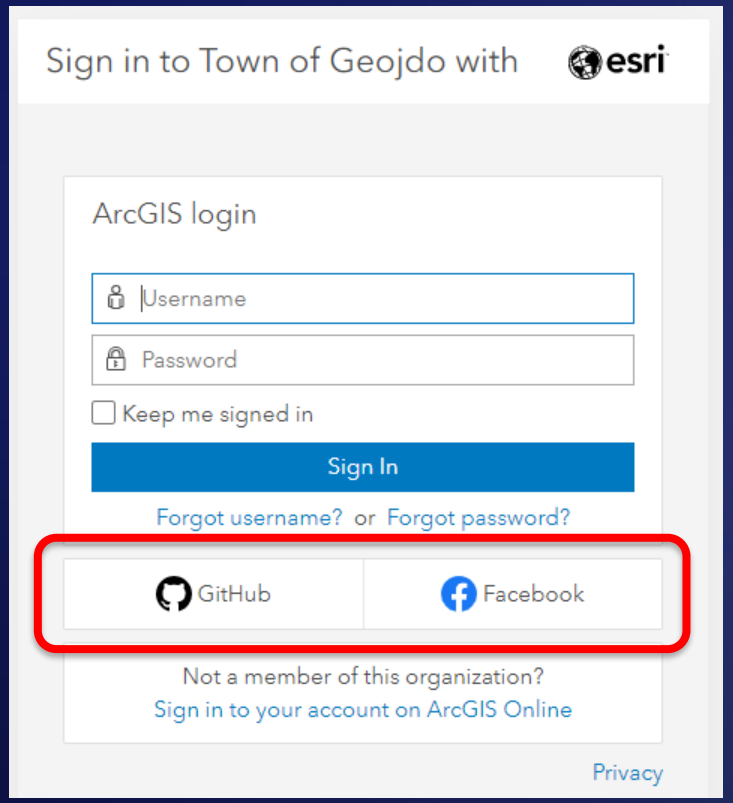


- Default ArcGIS Online login
- Managed in ArcGIS Online

Benefits

- Simple to use
- Add individually or in bulk
- Password policy control
- Multifactor authentication option

Authentication options – Social logins

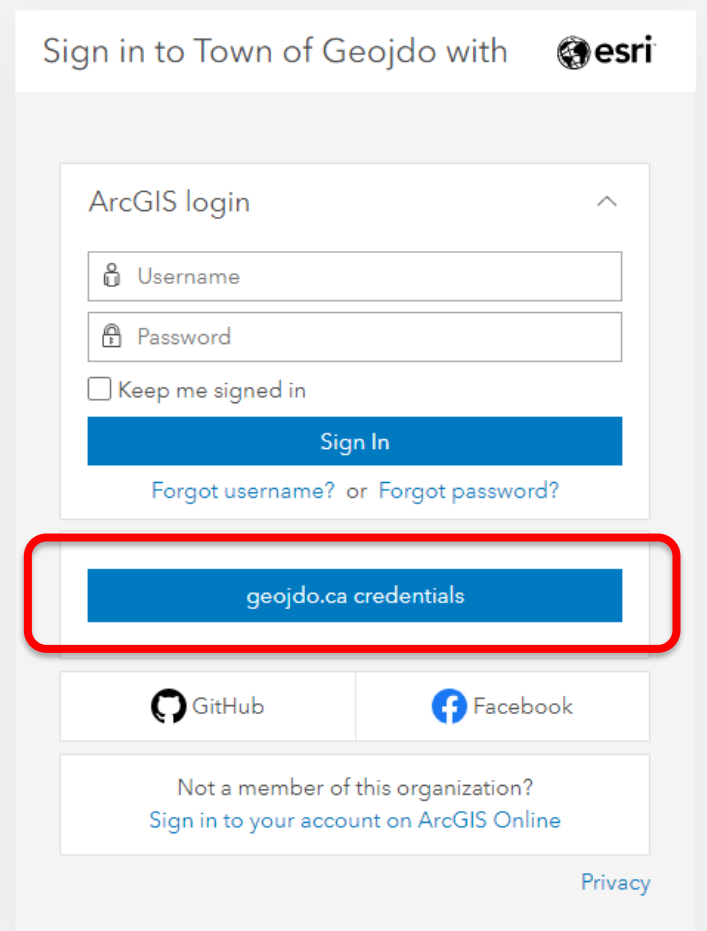


- Google
- Facebook
- GitHub
- Apple

Benefits

- Flexibility in creating accounts
- No additional login
- Familiarity across other platforms

Authentication options – SAML logins

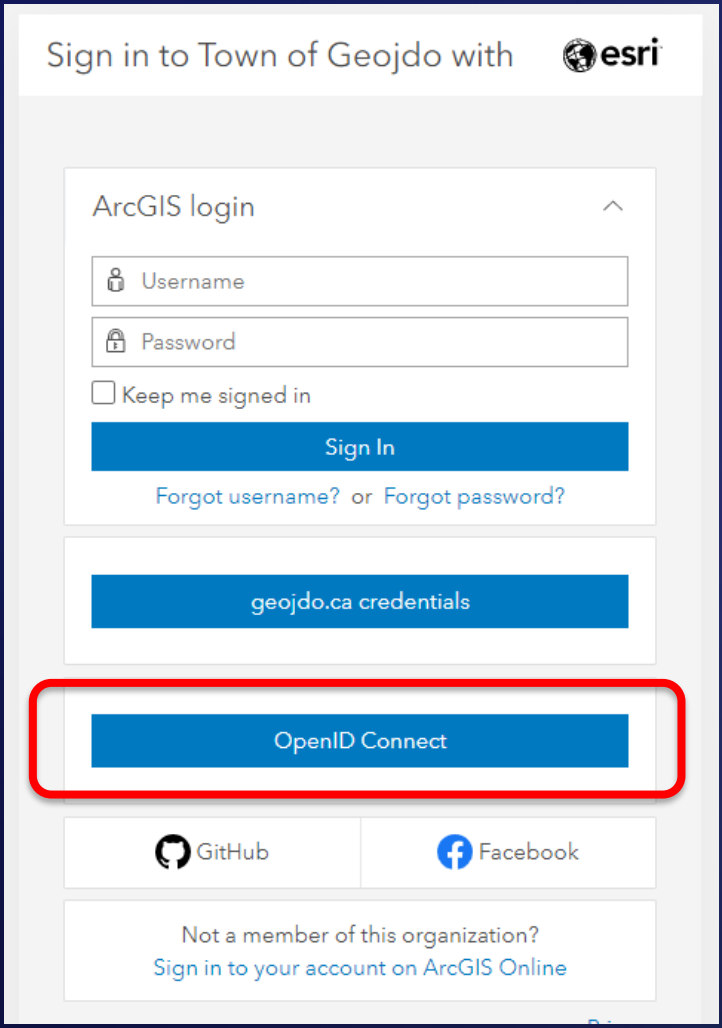


- Uses your own identity provider (IDP)
- SAML 2.0
  - Active Directory Federation Services (ADFS)
  - G Suite…..
  - Tutorials in the help bit.ly/arcgis_saml

Benefits

- No additional logins
- Logins managed by IDP (work with staff)
- Auto-join option
- Can use Enterprise groups

Authentication options – OpenID Connect logins



- Similar experience to SAML logins
- Uses your own identity provider (IDP)
- OpenID Connect protocol
  - Okta……
  - Tutorial in the help bit.ly/arcgis_openid

Benefits

- No additional logins
- Logins managed by IDP
- Auto-join option

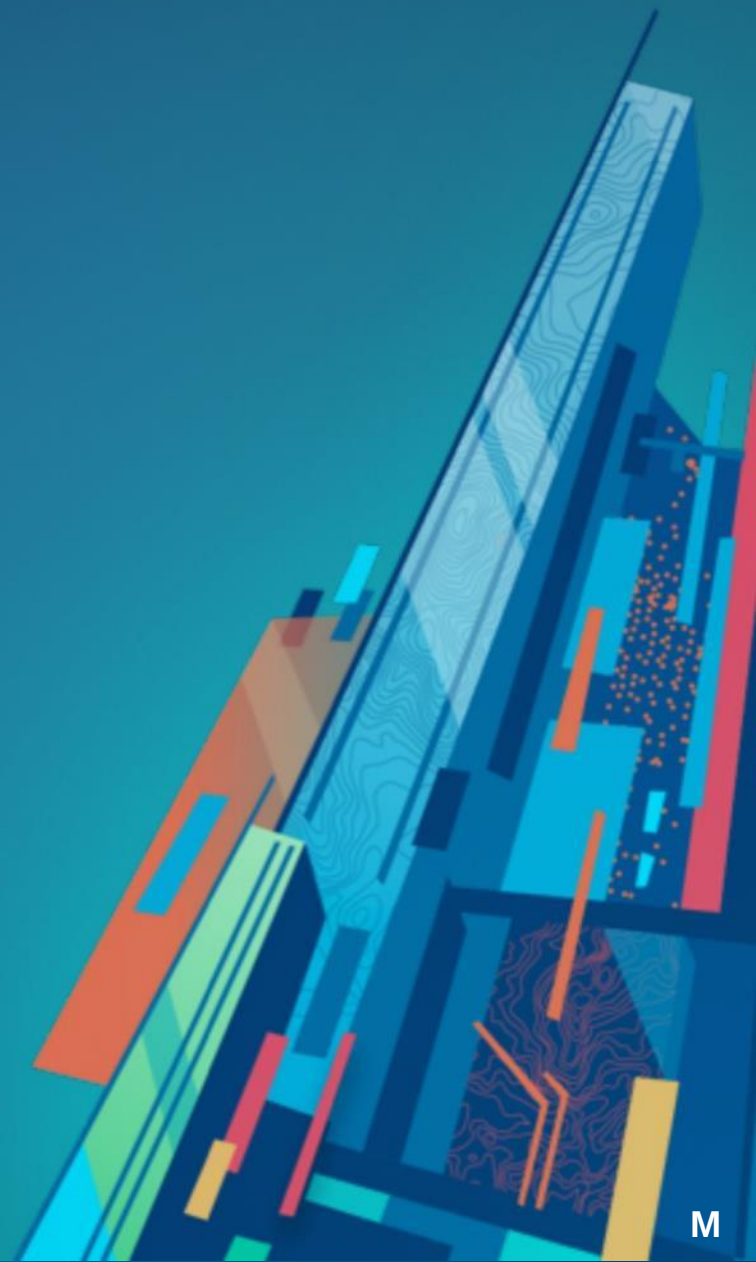
Demonstration I

- Authentication options available in ArcGIS Online

Review and Questions

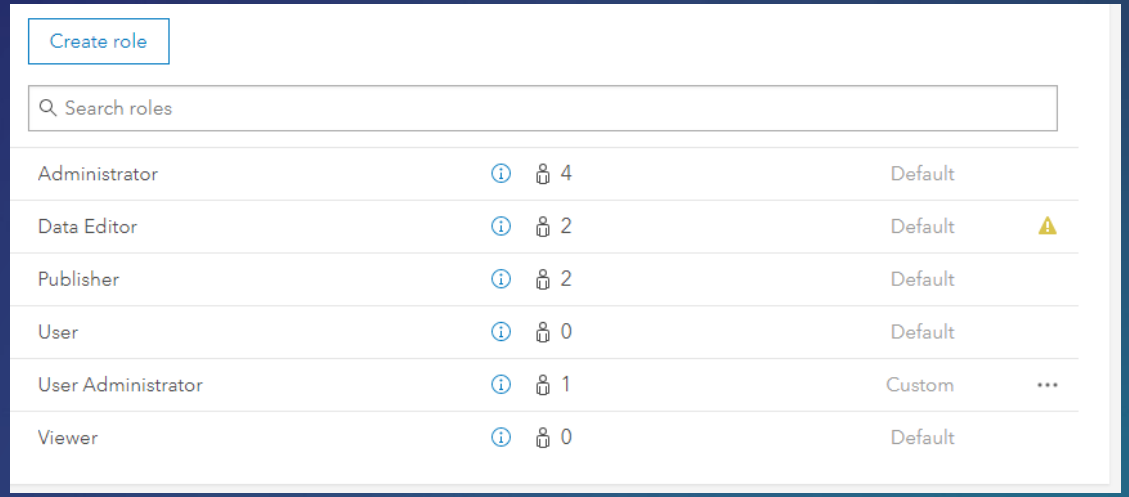
- Authentication options available in ArcGIS Online

ArcGIS Online checklist

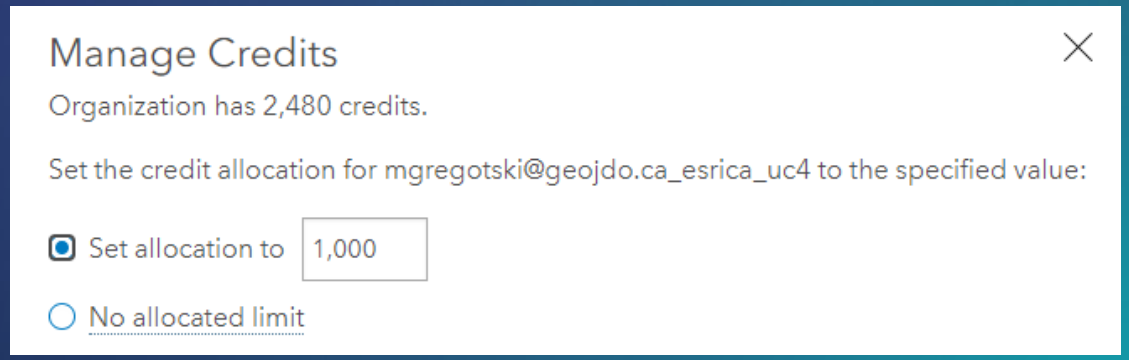


Getting your ArcGIS Online environment ready

- Member Roles
  - Control and flexibility for user privileges
  - 5 default roles
  - Create custom roles for specific functionality

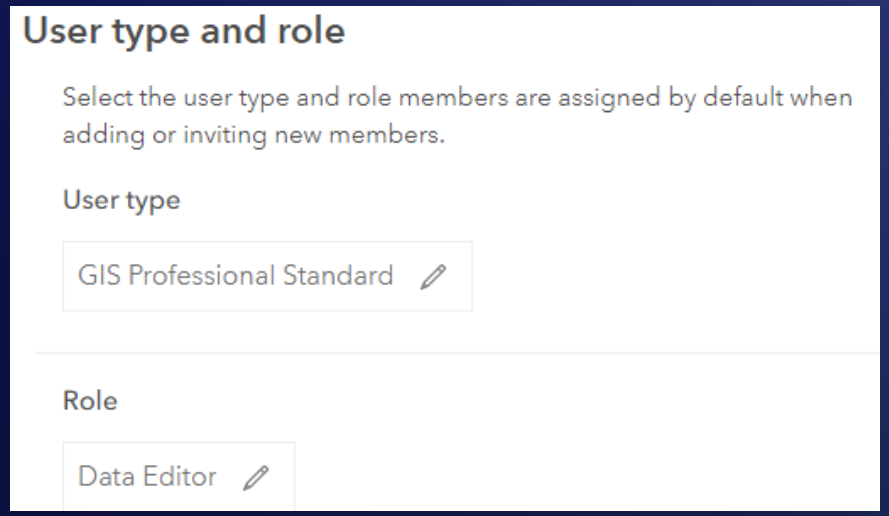


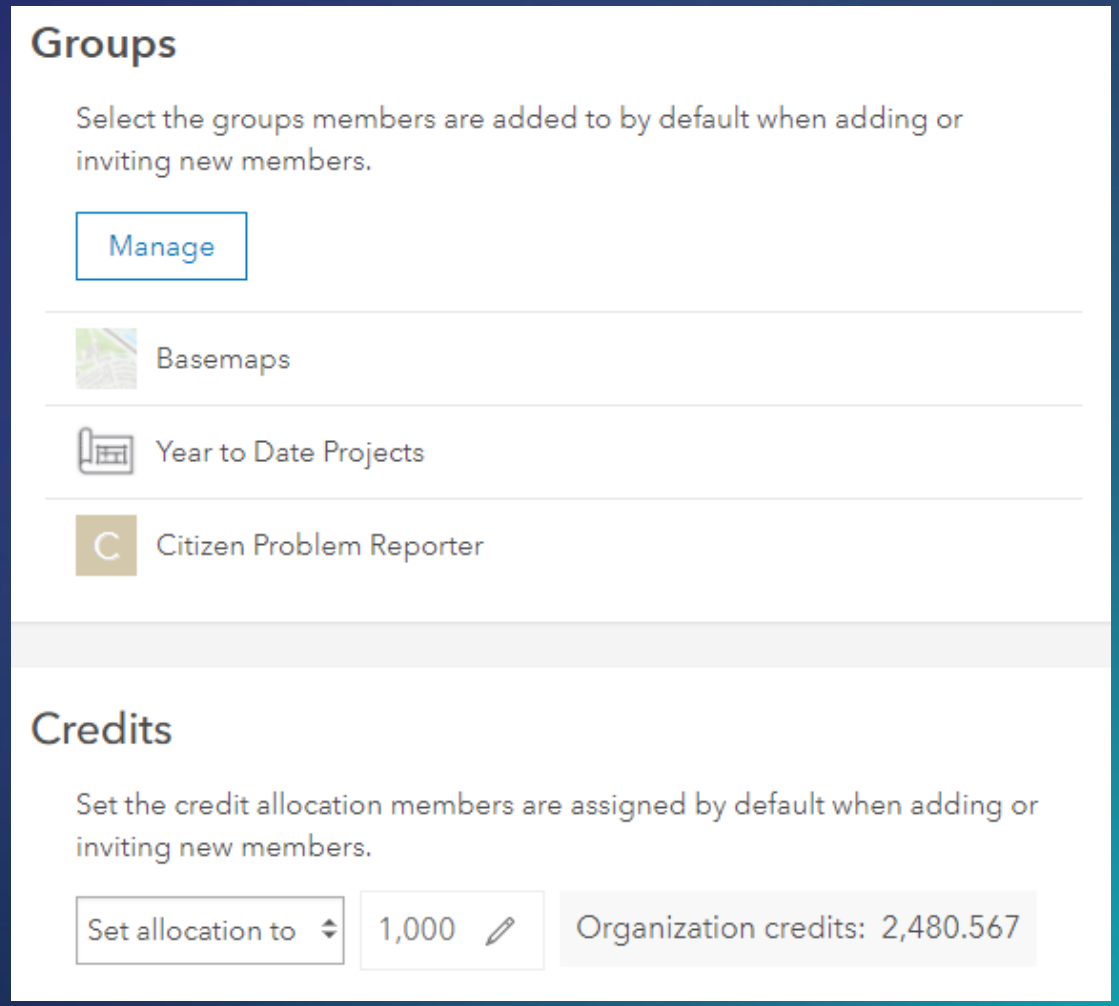
- Credit allocation
  - Manage and control credit expenditures
  - Credit budgeting
  - Assign individually or in bulk



New member defaults

- User type and role
- Add-on licenses
- Groups
- Credits
- Esri Access

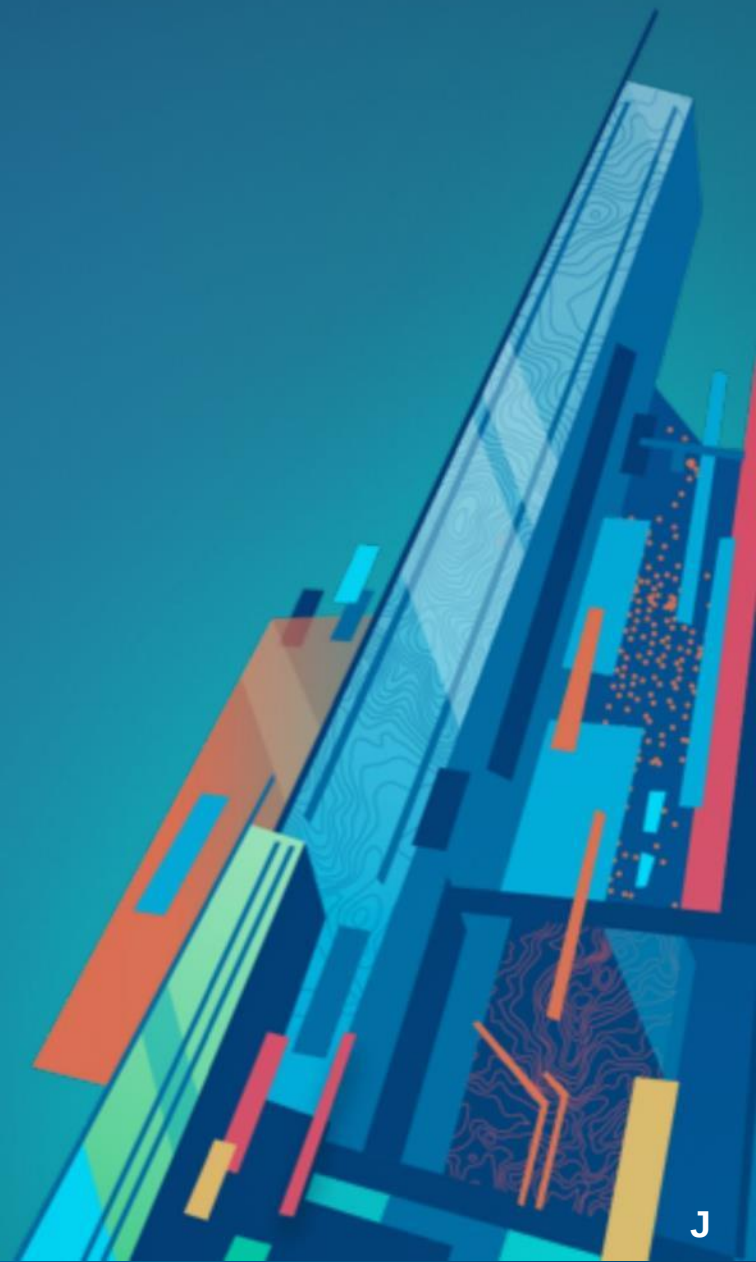




Demonstration II

- ArcGIS Online checklist settings

SAML Authentication



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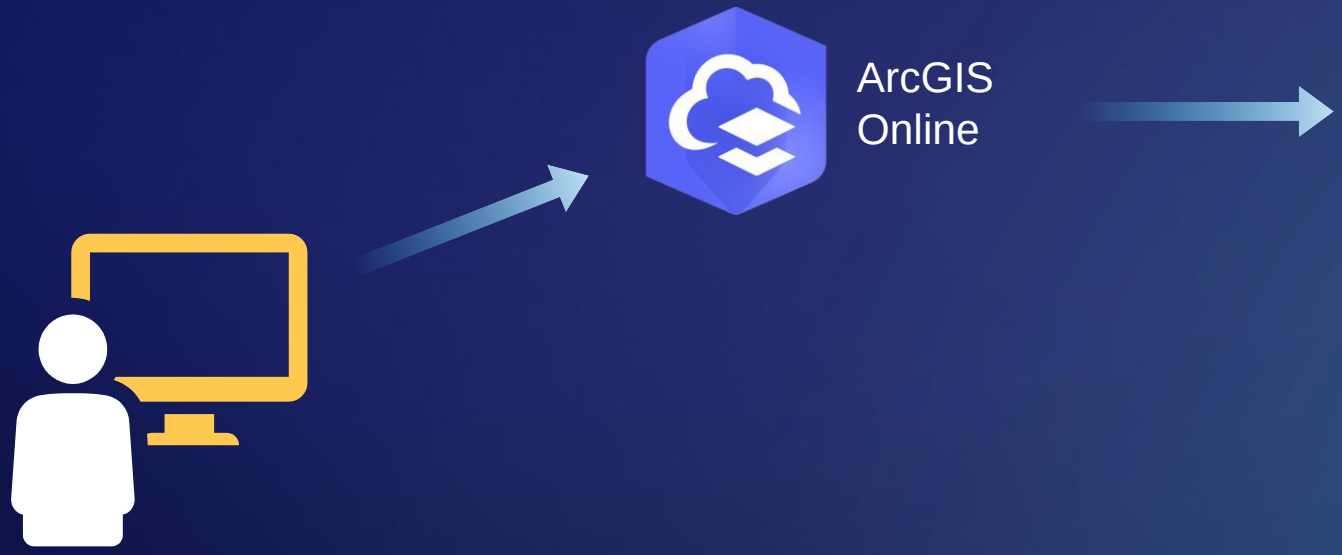

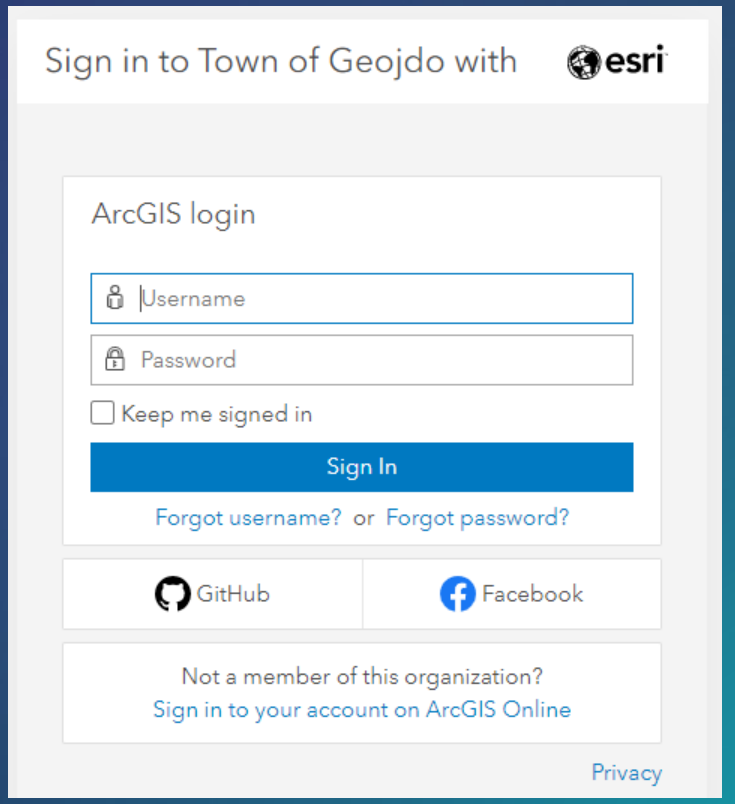

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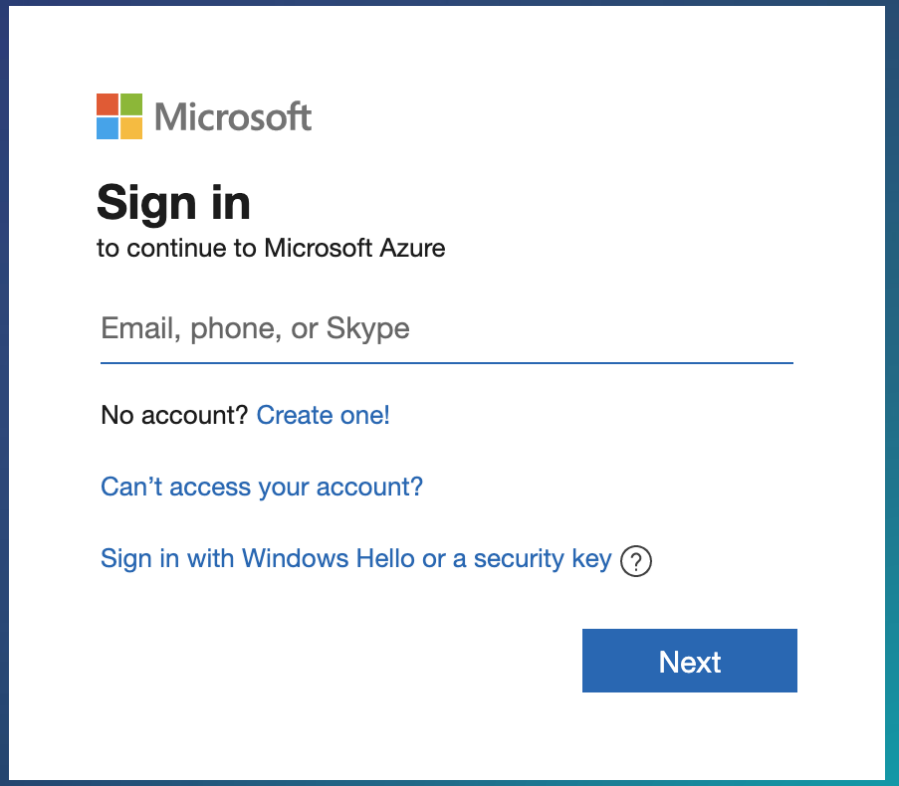

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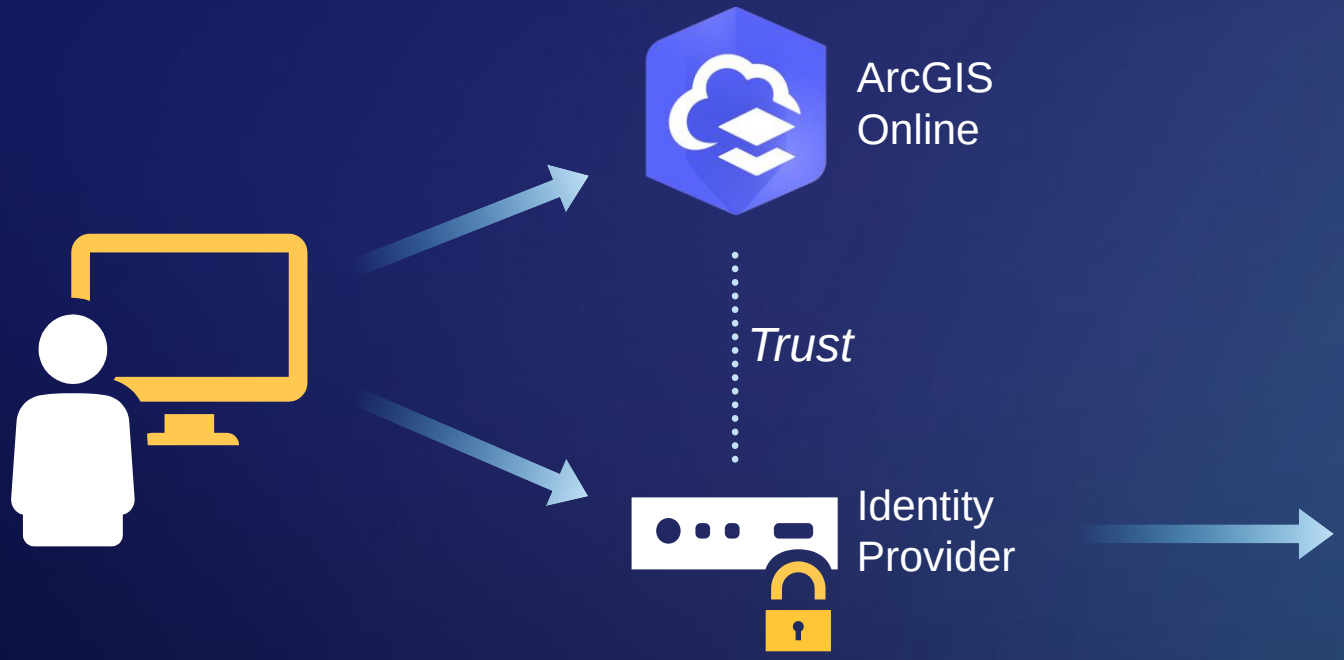

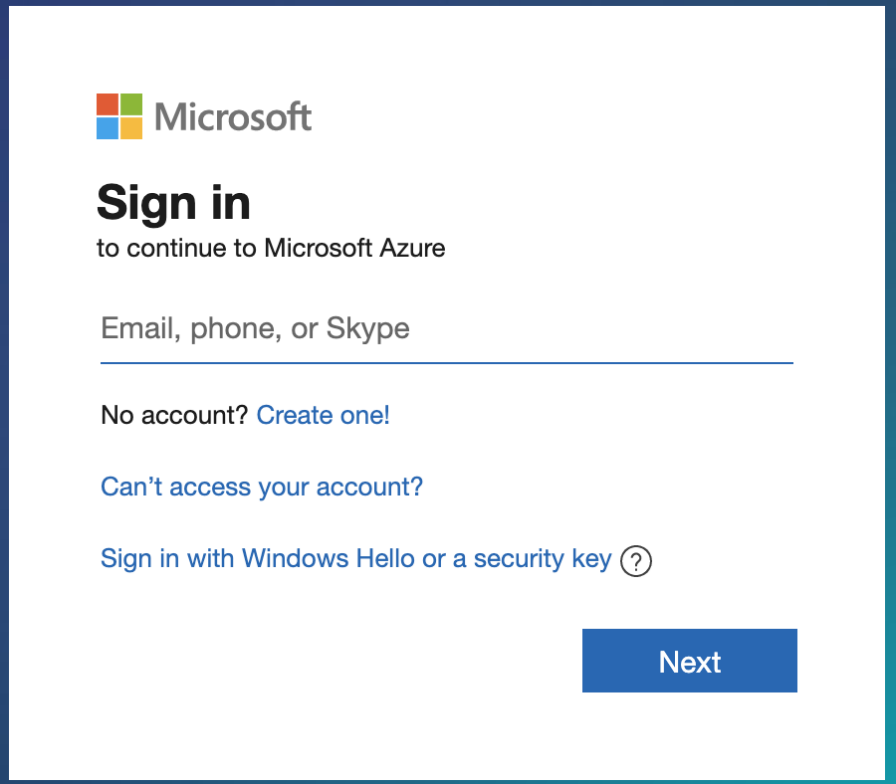

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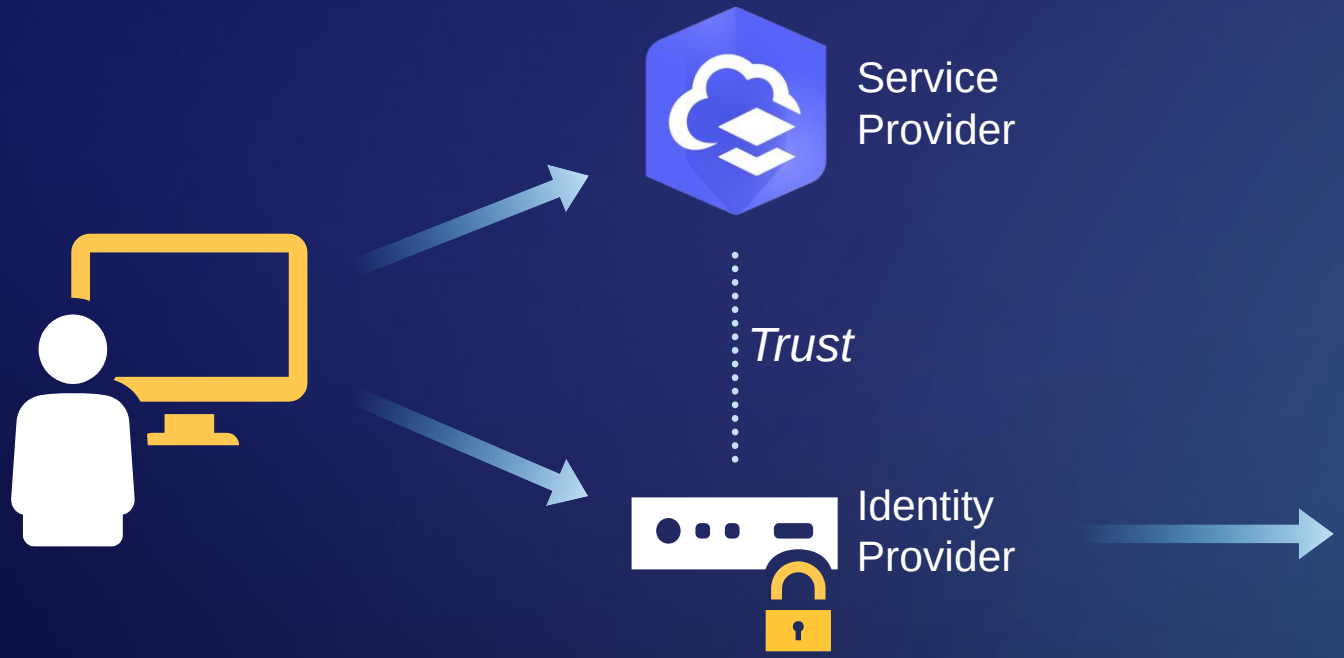

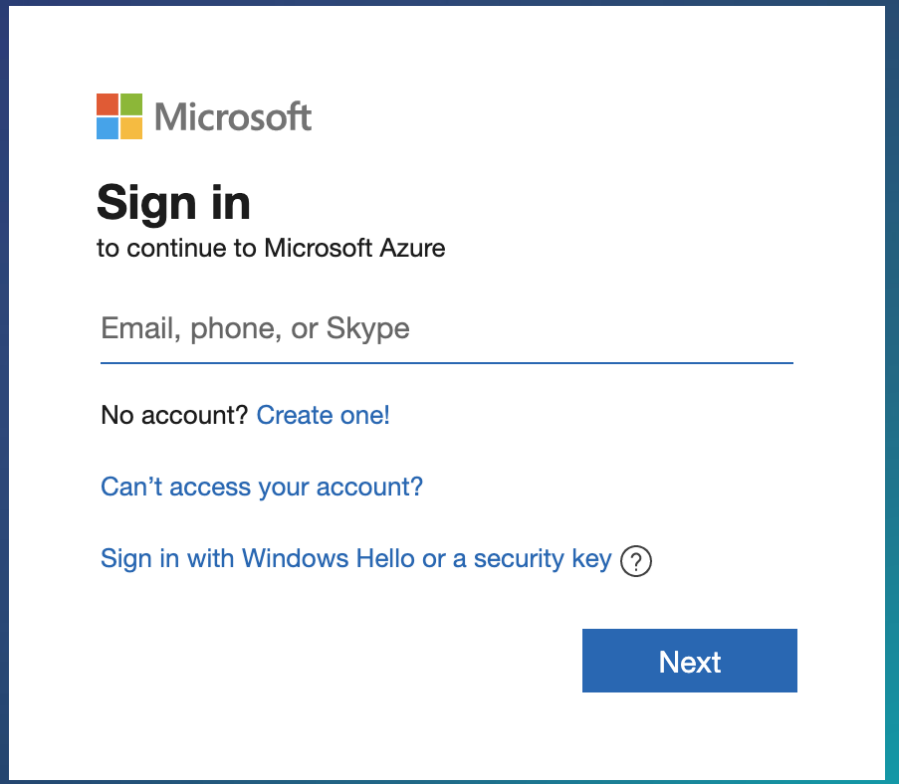

SAML Authentication Workflow

1. User attempts to login to ArcGIS Online

SAML Authentication Workflow

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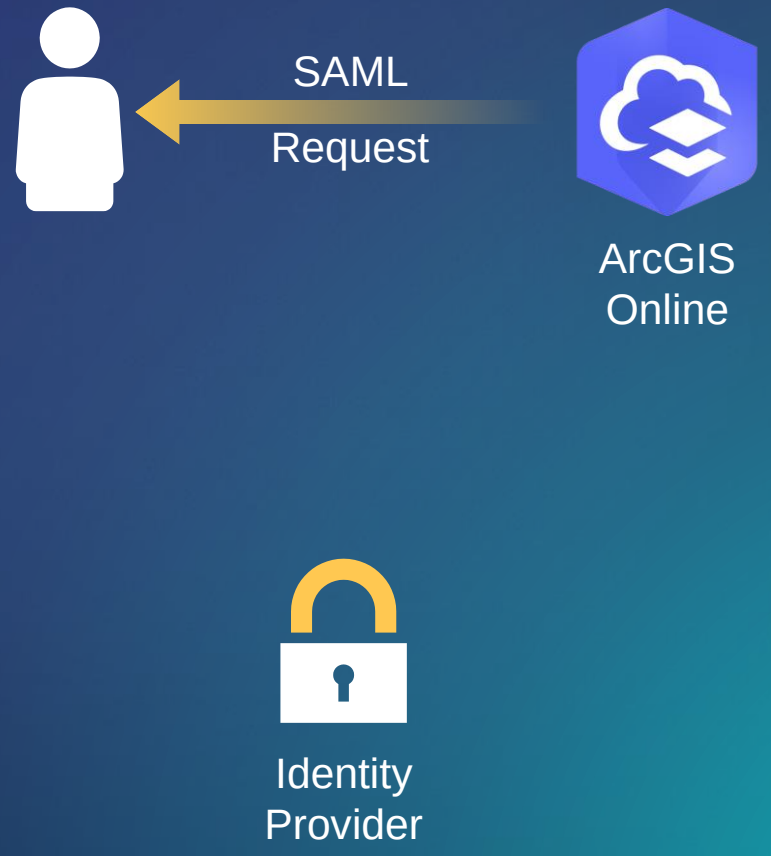
2. ArcGIS Online creates a SAML Request and redirects browser to Identity Provider



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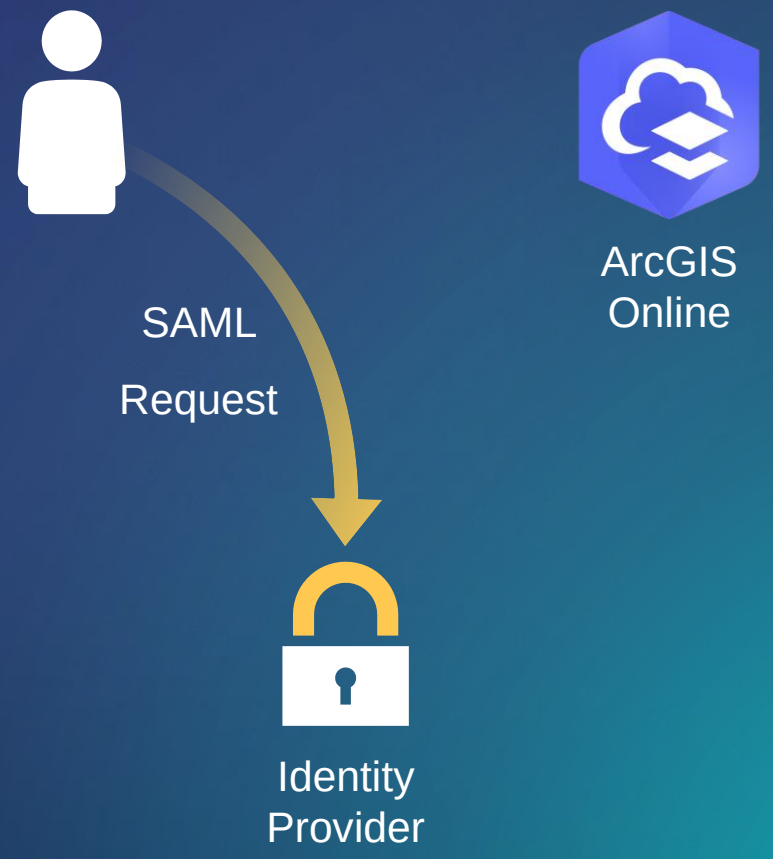

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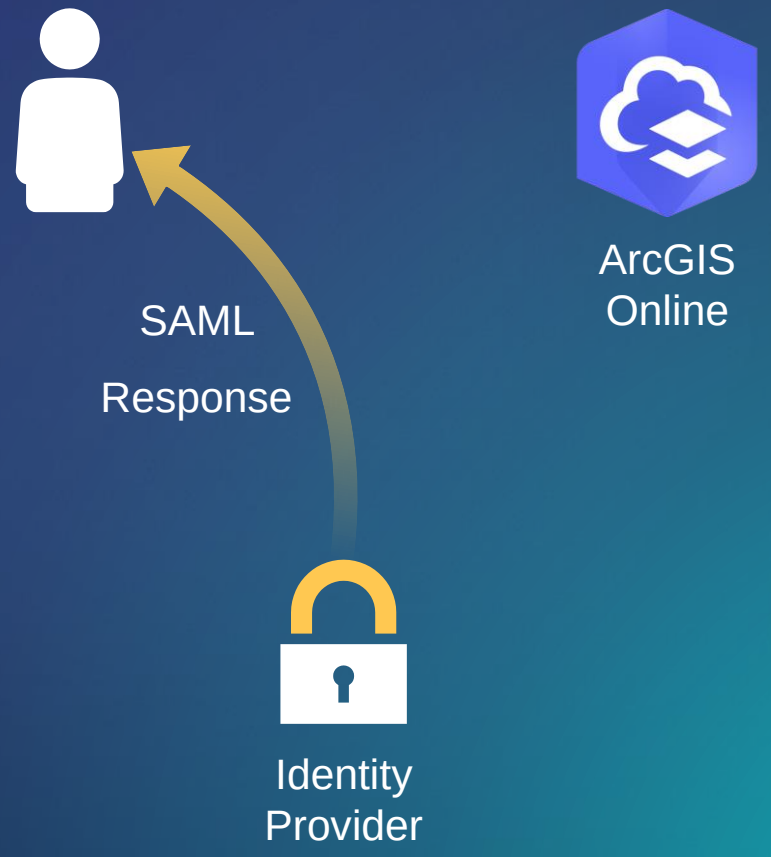

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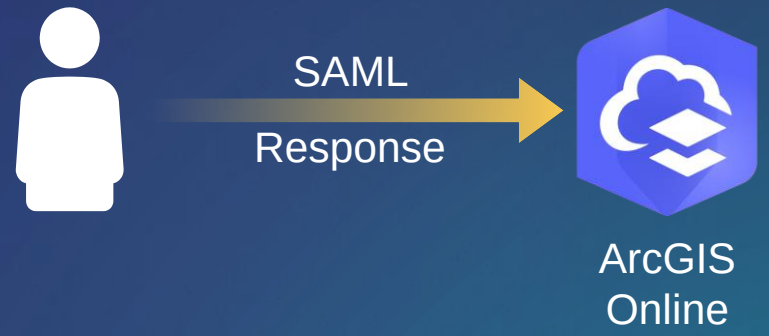
5. Browser sends SAML Response to ArcGIS Online



Identity
Provider

SAML Authentication Workflow

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2. ArcGIS Online creates a SAML Request and redirects browser to Identity Provider
3. Browser sends SAML Request to Identity Provide and prompts User for Credentials
4. Identity Provider authenticates user and sends SAML Response to browser
5. Browser sends SAML Response to ArcGIS Online
6. ArcGIS Online verifies SAML response and user is logged in.

Identity
Provider

Configuring your Identity Provider

- Register ArcGIS Online Organization as a Service Provider

Configuring your Identity Provider

- Register ArcGIS Online Organization as a Service Provider
- Configure User Attributes and Claims
  - User Profile Information
    - emailaddress,
    - givenname, name, surname
  - Groups

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- Register ArcGIS Online Organization as a Service Provider
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  - User Profile Information
    - emailaddress,
    - givenname, name, surname
  - Groups
- Grant Access to Application
- Federate with ArcGIS Online
  - Export Metadata for ArcGIS Online Configuration
  - Import ArcGIS Online Metadata

Demonstration III

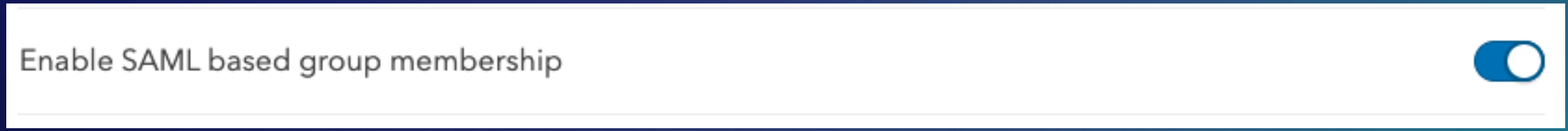
- Bringing it all together with ArcGIS Online and SAML authentication

Enterprise Groups

- Link Groups from your Identity and Access Management System (IAM)
  - **Group Membership is managed by your IAM**
  - **Content Sharing is managed by ArcGIS Online**

Enterprise Groups

- Link Groups from your Identity and Access Management System (IAM)
  - **Group Membership is managed by your IAM**
  - **Content Sharing is managed by ArcGIS Online**
- Enable SAML based group membership



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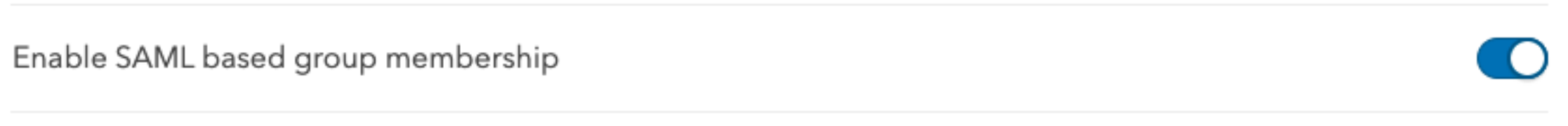

- Configure IDP Attributes and Claims to send Group Membership to Portal
  - **Group, Groups,**
  - **Roles,**
  - **MemberOf, member-of**

Enterprise Groups

Who can join this group?

- ○ Those who request membership and are approved by a group manager
- ○ Only those invited by a group manager
- ◉ Members of an enterprise group
- ○ Anyone

Enterprise Group Name

Viewer

```
<samlp:Response>
  <Assertion>
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        <AttributeValue>Viewer</AttributeValue>
      </Attribute>
    <AttributeStatement>
  </Assertion>
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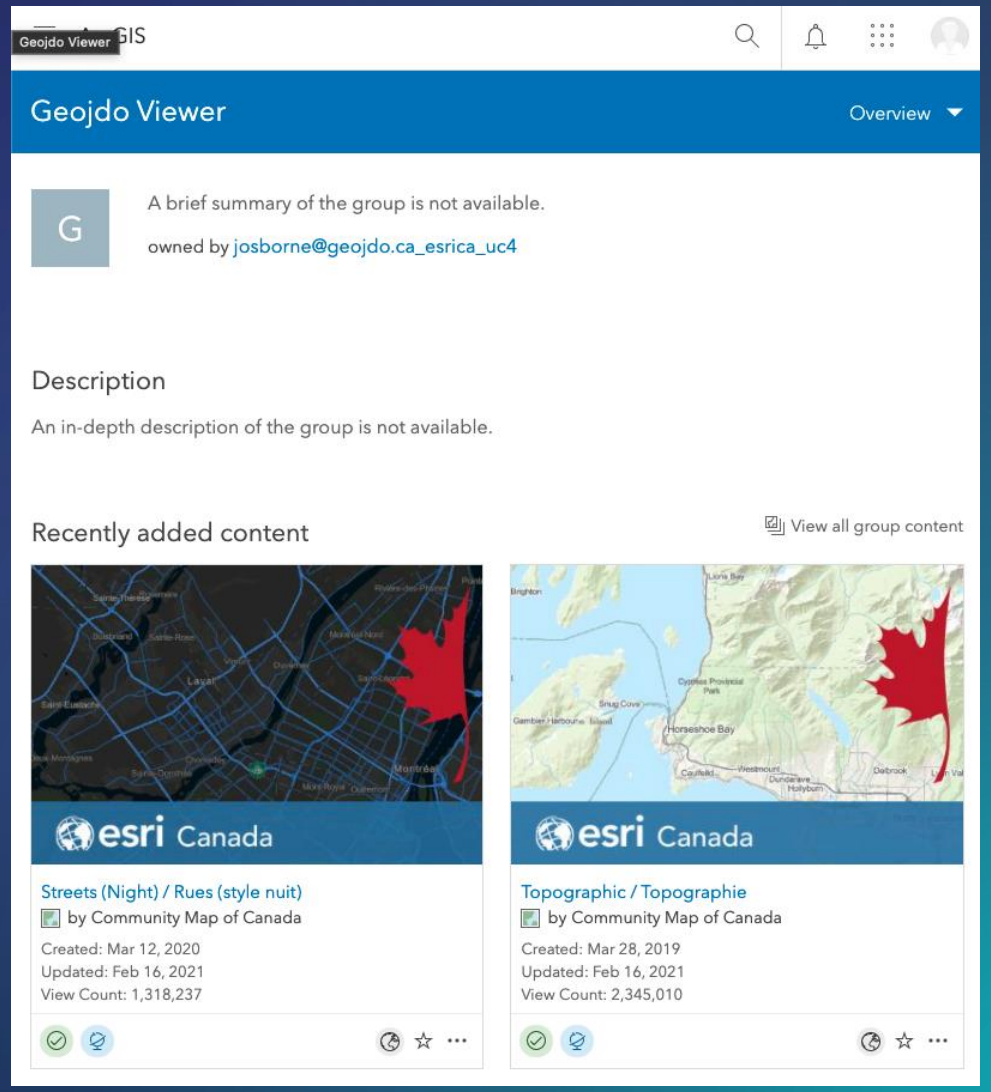

Summary

In this webinar you learned about:

1. Authentication options in ArcGIS Online
2. ArcGIS Online checklist and preparing SAML authentication
3. Bringing it all together with ArcGIS Online and SAML authentication

Resources

- Blog posts
  - Using social logins for your organization
  - The benefits of using Enterprise Logins for ArcGIS Online
- Help documents
  - ArcGIS Online – Set up SAML logins
  - Microsoft Tutorial: Azure Active Directory integration with ArcGIS Online
- Video
  - Setting up Organization Specific Logins in ArcGIS Online

Webinars and Training

- Upcoming webinars
  - Connecting Geography and Spreadsheets: Integration of ArcGIS into Microsoft Excel – March 25
  - Fast & Curious: The Next Generation of Map Viewer – April 15
  - Activate the Community Map of Canada – April 27
- Seminars
  - ArcGIS Pro: Take Desktop GIS to the Next Frontier – March 31
- Related training courses
  - ArcGIS Online for Administrators
  - ArcGIS Online for Publishers
  - ArcGIS Online: Essential Workflows

Thank You

- The recording will be available online at: resources.esri.ca/webinars
- If you have any additional questions about the content presented to you, feel free to contact me:
  - Mike Gregotski - mgregotski@esri.ca
  - John Osborne – josborne@esri.ca

Connect with us @esricanada

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