



Configuring Geocoding for Portal for ArcGIS and ArcGIS Online

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Outline

- **Configuring geocoders in ArcGIS Online**
- **Configuring geocoders in Portal for ArcGIS**

Why use your own geocoder?

- Use locators based on reference data that you created and maintained
- Control the capabilities of the locator, e.g. intersection, spatial offset
- Apply a specific geocoding fallback workflow
- Use services you host
- Use secured services

Requirements for Adding Geocoders to ArcGIS Online

- **Minimum Requirements**

- Member of ArcGIS Online Organization with Administrator role
- Locators or composite locators created using ArcGIS 10.0 or later
- Geocode services need to be published on ArcGIS Server version 10.1 or later with public access such as Amazon Cloud
- Secured services have to be added as proxy items stored with credentials

- **Suggestions (auto-complete) support**

- Locators must have been created using ArcGIS 10.3 or later
- ArcGIS Server must be version 10.3 or later

Geocoding with ArcGIS Online

- **Geocoding with ArcGIS Online using the World Geocode Service**

- **Benefits:**

- Easy to set up
- Simple to use
- Basic organizational account gets you everything you need to geocode single addresses and tables of addresses (using credits)

- **Geocoding with a custom geocode service published through your Organizational Account on ArcGIS Online**

- **Benefits:**

- Can offer you more control over the locators you're using and the specificity of results
- Can provide increased security for your service if you make the service secured

DEMO

Geocoding with ArcGIS for Portal

- **Geocoding with the World Geocode Service through ArcGIS for Portal**

- **Benefits:**

- Provides the same fast and consistent results as geocoding against the World Geocode Service using ArcGIS Online
- Offers increased security for the data you're using for geocoding
- Ensures that all stored data is behind the firewall

- **Geocoding with a custom geocode service published through ArcGIS Server and used on ArcGIS for Portal**

- **Benefits:**

- Provides you with completely secure data and geocoding that can only be accessed and used behind your firewall
- Gives you complete control over the locators you're using, which can improve specificity of results for your specific use case
- Since you can host all data and services, you have no need for credits

DEMO

Recap

- Discussed the benefits of creating your own custom locators to use as geocode services
- Covered the requirements necessary to create and publish your own locators using ArcGIS Online or ArcGIS Server
- Evaluated the benefits of the different geocoding and publishing workflows
- Demonstrated the various publishing and geocoding workflows for ArcGIS Online and ArcGIS for Portal using the World Geocode Service and custom locators

Upcoming Geocoding Sessions

Today

- Geocoding with ArcGIS Pro
 - **4:30pm – 5:15pm Demo Theater 13 - Spatial Analysis**

Tomorrow

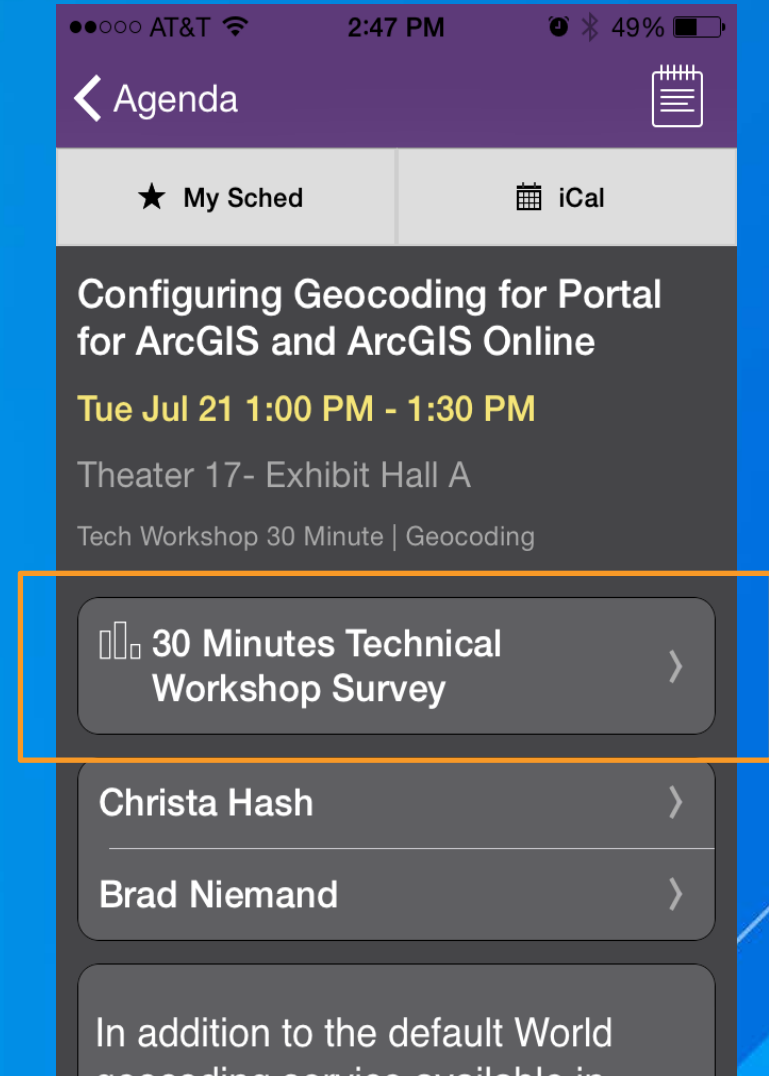
- Geocoding with ArcGIS Online and ArcGIS Online World Geocoding Service
 - **8:30am – 9:45am Room 32 A**

Thursday

- Geocoding and Network Options in ArcGIS
 - **10:15am – 11:30am Ballroom 06 C**
- Geocoding with ArcGIS Desktop: An Introduction
 - **11:00am – 11:30am Tech Theater 16 Exhibit Hall A**
- Configuring Geocoding for Portal for ArcGIS and ArcGIS Online
 - **12:00pm – 12:30 pm Tech Theater 16 Exhibit Hall A**
- Geocoding with ArcGIS Online and ArcGIS Online World Geocoding Service
 - **1:30pm – 2:45pm Room 31 C**

Thank you...

- Please fill out the session survey in your mobile app
- Select “Configuring Geocoding for Portal for ArcGIS and ArcGIS Online” (on Tuesday) in the Mobile App
 - Use the Search Feature to quickly find this title
- Click “30 Minutes Technical Workshop Survey”
- Answer a few short questions and enter any comments





Understanding our world.