

Sharing to Portal from ArcGIS Pro

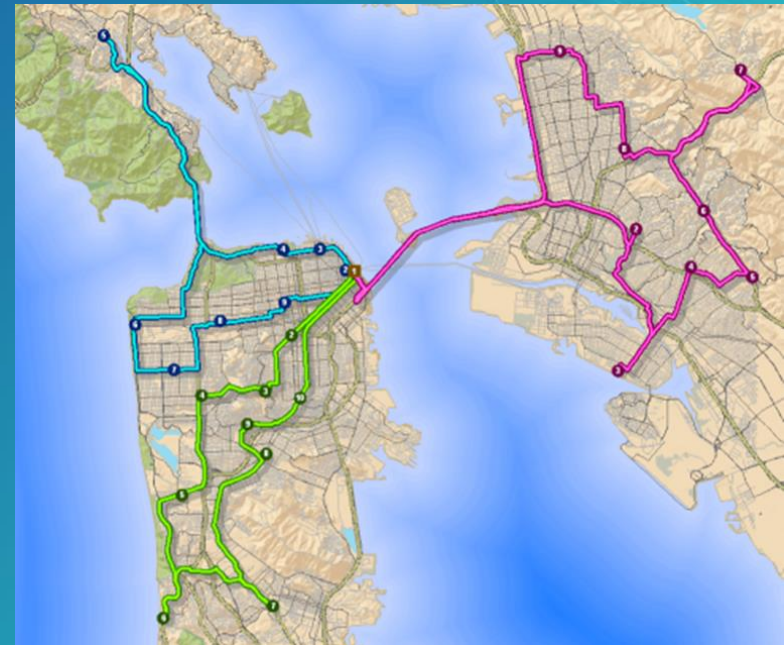
Thomas Noble

Leannandra Arechederra-Romero

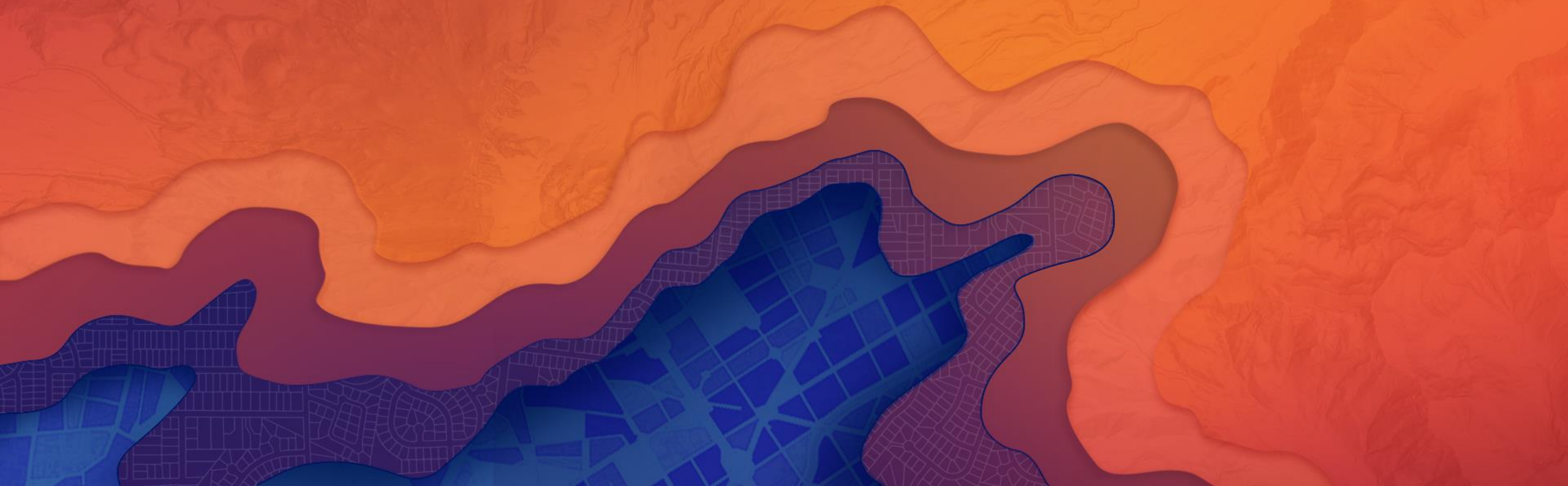
Road Map

Portal sharing workflows

- ArcGIS Pro 1.4.1 and Portal for ArcGIS 10.5
- Overview of on Premise Web GIS environment requirements
- Demo sharing packages, layers, and web maps
- Demo sharing web tools and locators
- Questions

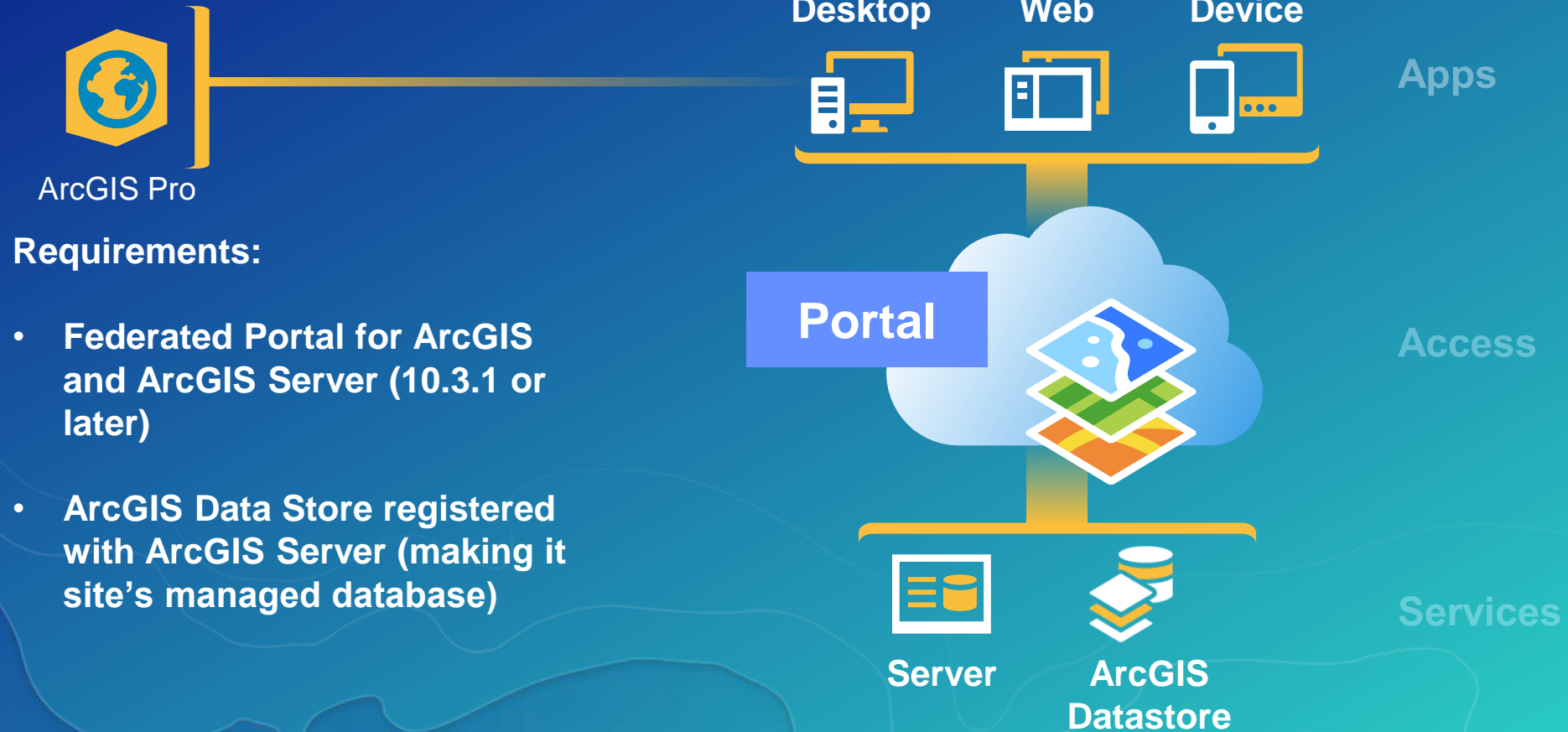


Overview Of On Premise Web GIS Environment Requirements & Benefits



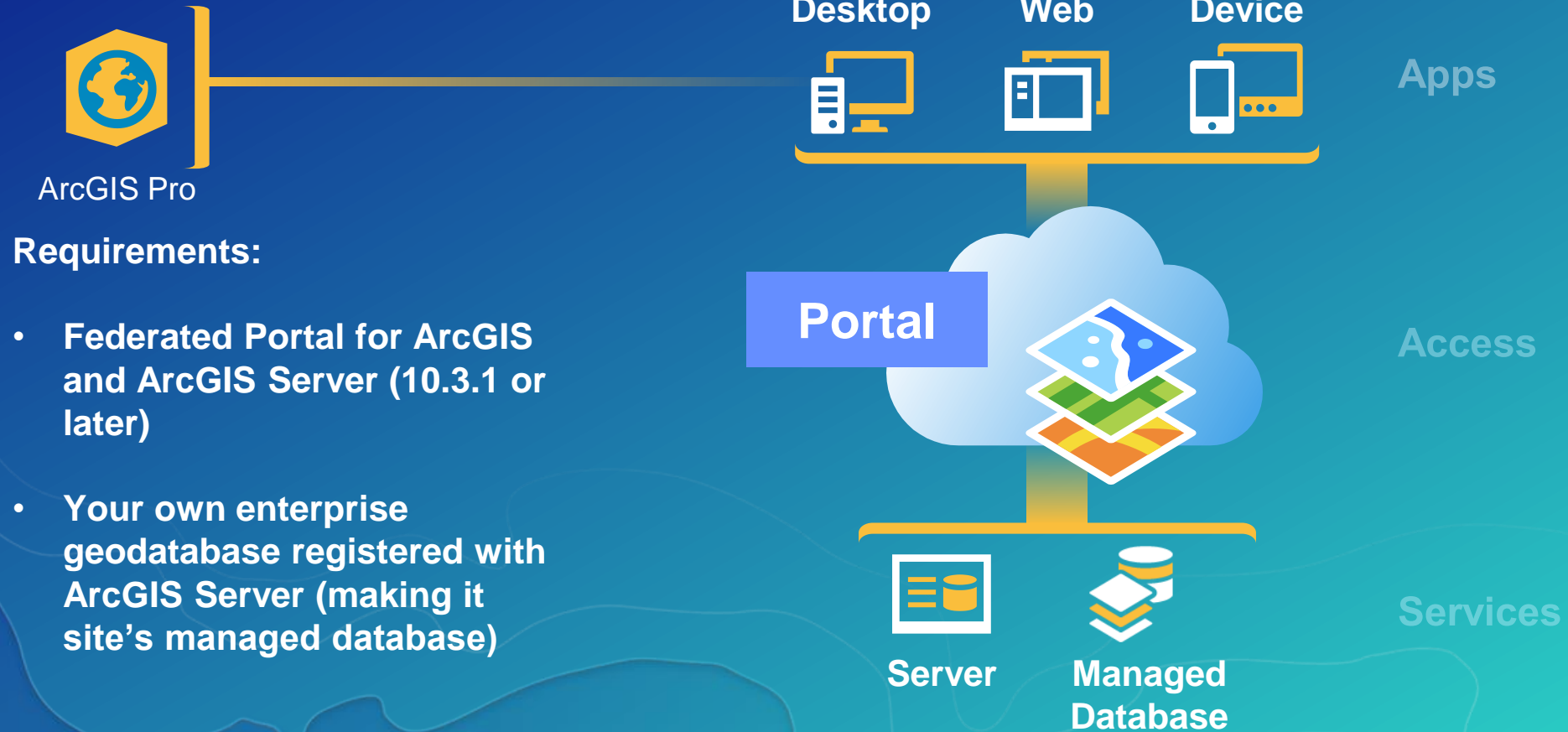
ArcGIS Pro 1.4.1 and Portal 10.5

On Premise Web GIS (3D capability)



ArcGIS Pro 1.4.1 and Portal 10.5

On Premise Web GIS (No 3D capability)



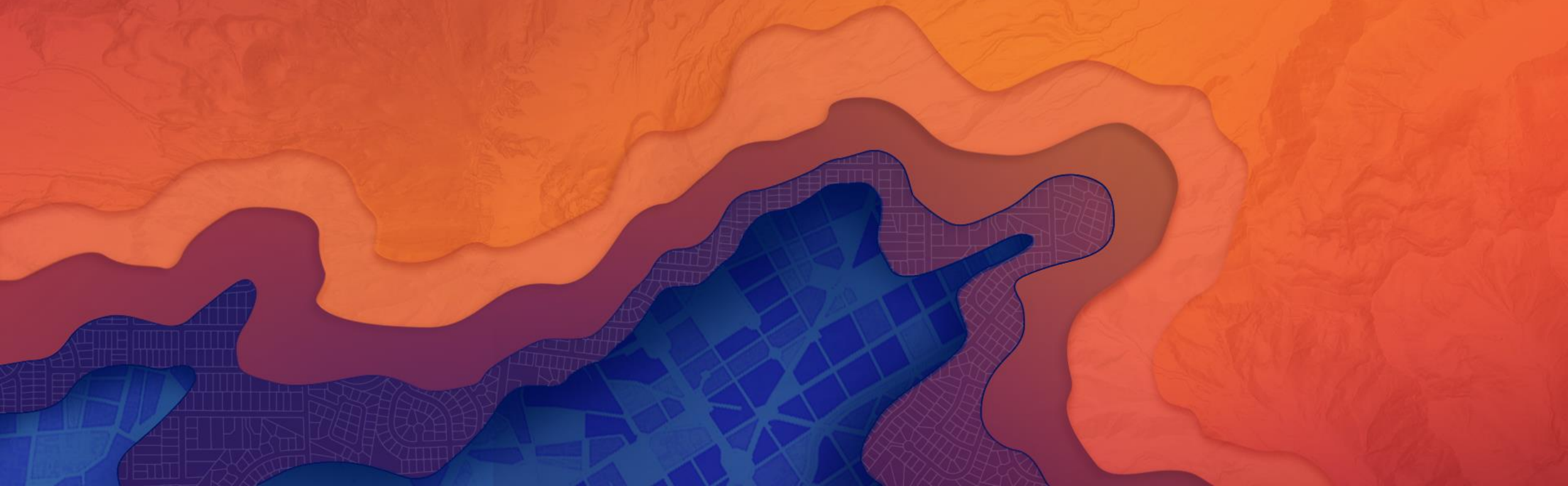
Benefits

Premium companion for:

- Authoring and sharing Web Scenes, Web Maps, and Web Layers with new cartographic capabilities
- Consuming WebGIS content
- Extending GIS capabilities



Share with ArcGIS Pro



Share with ArcGIS Pro

Web Layers



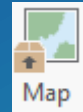
Web Maps



Web Scenes



Packages



Locators



Web Tools



Layer Sharing Capabilities by Portal Version

Active Portal	Feature Layer	Tile Layer	Vector Tile Layer	Map Image Layer	Scene Layer - Multipatch	Scene Layer (point)	Scene Layer-Point Cloud	Imagery Layer	Elevation Layer
Portal for ArcGIS 10.5	X	X	X	X	X	X	*	X	X
Portal for ArcGIS 10.4 and 10.4.1	X	X	X	X	X	X		X	x
Portal for ArcGIS 10.3	X	X			X				

Sharing Web Feature Layers

Subhead Here

- Support vector querying, visualization and editing
- Can be shared to any federated server
- Can reference registered data sources for Portal 10.4
- Option to copy all data instead (editing disabled)

Share Web Layer

Sharing Map As A Web Layer

General | Configuration | Content | Messages

Name:

Map

Data ⓘ

☒ Reference registered data
☐ Copy all data

Layer Type ⓘ

☒ Feature
☐ Tile
☒ Map Image

Item Description

Summary:

sharing test

Tags:

test

Sharing Options

☒ My Content
☒ Portal for ArcGIS
☐ Everyone
Groups

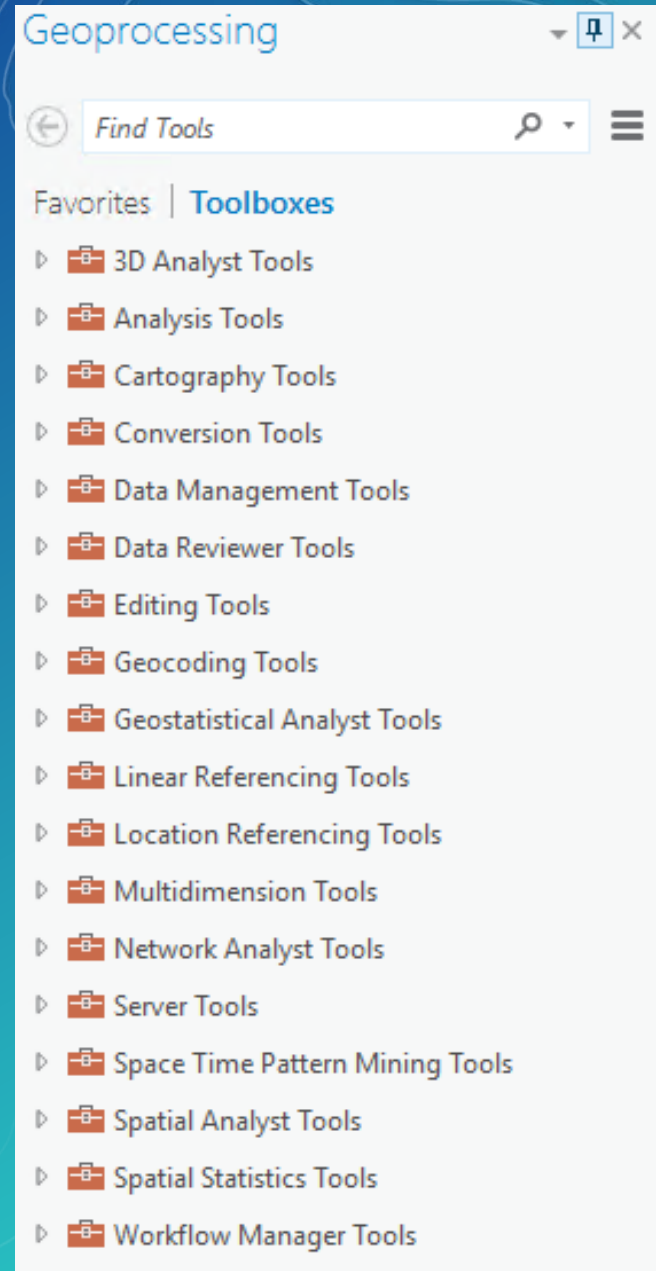
Sharing Locators

- What is a Locator:
 - Locator
 - Composite Locator
- Benefits:
 - Use the resulting geocoding service in web applications, ArcGIS Desktop, ArcGIS Online, and other client applications.
- Requirements:
 - Be logged into Portal for ArcGIS 10.5 or later & at least one federated server is required
 - You must have Publisher or Administrator privileges.



Sharing Web Tools

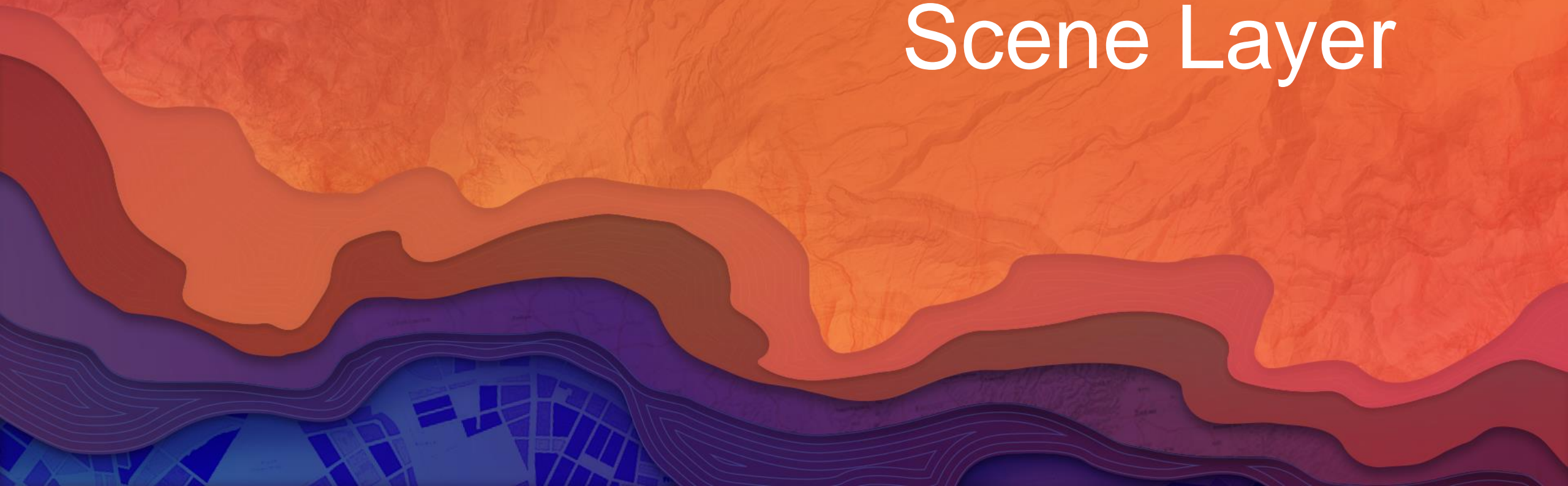
- What is a Web Tool:
 - References one or more geoprocessing tools.
 - Authored typically as a custom model or script tools.
- Benefits:
 - Share your analysis with others in your organization's portal in the form of features, maps, reports, or files
- Requirements:
 - Portal 10.5
 - You must have Publisher or Administrator privileges.



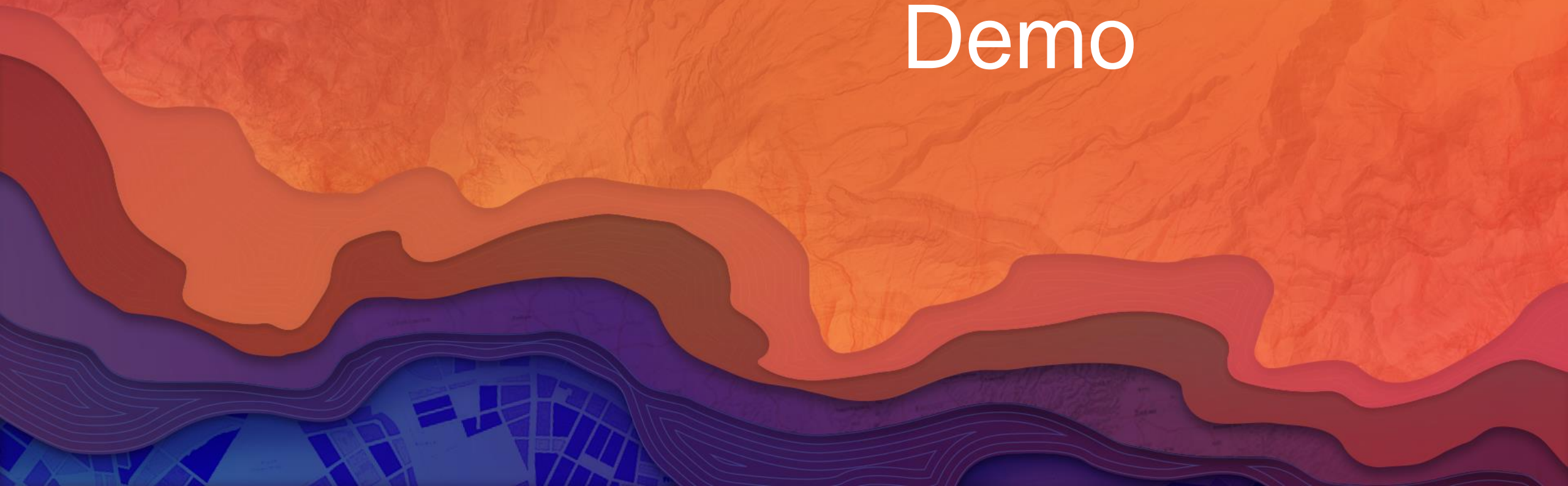
Share Web Feature Layer



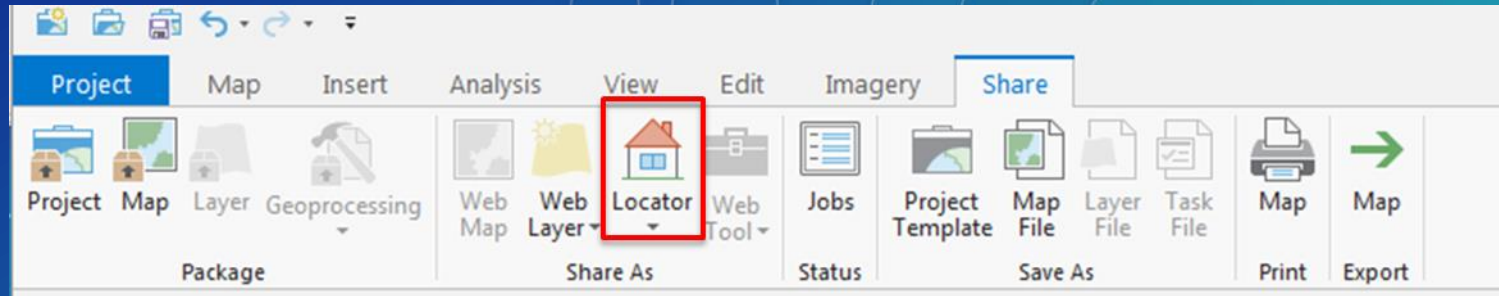
Share Web Scene Layer



Share Locators Demo



Publish your Locator



- 1) Add locator to your project in ArcGIS Pro
- 2) On the Share tab of the ribbon click the Share locator button
- 3) Fill in information on the General tab of the Share Locator pane
- 4) Optional: Modify the service properties of the Configuration tab of the Share Locator tab
- 5) Click Publish

****Note:** The place-name alias table specified in a locator will not be used when the locator is shared to your portal.

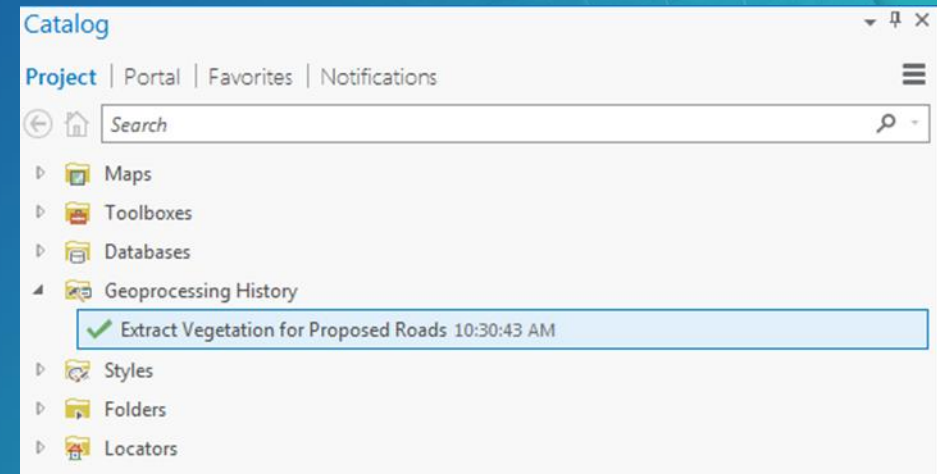
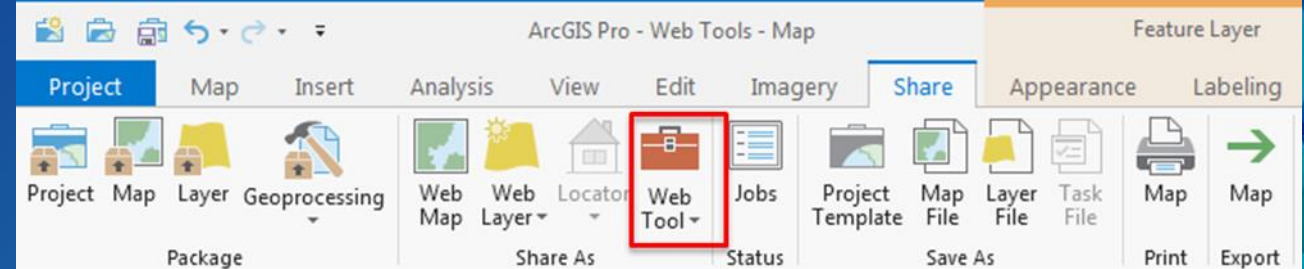
A screenshot of the 'Share Locator' dialog box in ArcGIS Pro. The 'General' tab is selected, showing fields for 'Name' (Atlanta Locator), 'Item Description' (Locator for the City of Atlanta), and 'Tags' (Locator, Atlanta, UC). The 'Sharing Options' section shows 'My Content' selected. At the bottom, there are buttons for 'Analyze', 'Publish', and 'Jobs'.

Share Web Tools Demo

Publish a Web Tool

- 1) Add a tool (A tool can be built using multiple results of a model or a script)
- 2) On the Share tab of the ribbon click the Share Web Tool
- 3) Fill in information on the General tab of the Share Web Tool pane
- 4) Optional: Modify the service properties of the Configuration tab of the Share Web Tool tab
- 5) Click Publish

****Note:** A new tool cannot be added to an existing web tool.





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