What's new

The April 2021 update includes improved collaboration across organizations, the new Map Viewer and ArcGIS Dashboards in general availability, and other new functionality throughout the ArcGIS Online website. Highlights are provided below. For more information, see the What's new in ArcGIS Online blog article.

Partnered collaboration

ArcGIS Online organizations can now more easily collaborate with other organizations by establishing a partnered collaboration. Partnered collaborations allow organizations to share, contribute, and update content using groups. By assigning the new Facilitator role, administrators can designate organization members as collaboration coordinators to represent their organization in collaboration groups.

New Map Viewer

The new Map Viewer is out of beta and available to everyone. Organizations and individual members can configure the new Map Viewer or Map Viewer Classic (formerly known as Map Viewer) as the primary map viewer to use when working when maps and layers. Highlights of the new Map Viewer include the following:

- Create charts (beta) to help uncover patterns, trends, and relationships in your data. The supported chart types include bar charts, histograms, and scatter plots.

- Draw features and place stamps on the map using the new Sketch tool.

- Switch quickly between layers when styling, configuring pop-ups, and making other changes to multiple layers in the map.

- Hide interface elements to expand the size of the map display.

- Create an app from your map using ArcGIS Instant Apps, ArcGIS Dashboards, or ArcGIS StoryMaps.

New ArcGIS Dashboards

ArcGIS Dashboards Beta is out of beta and is now the default ArcGIS Dashboards experience. The previous version of ArcGIS Dashboards is now called ArcGIS Dashboards Classic. Highlights of the new ArcGIS Dashboards include the following:

- Support for using ArcGIS Arcade in dashboards to create advanced formatting and data expressions.

- Additional supported data sources for elements including feature collections and CSV web layers.

- Selection-based display for configuring elements to only render when a selection is made elsewhere on the dashboard.

For more information, see What's new in ArcGIS Dashboards.

Notebooks

- You can now schedule a notebook to run automatically on a recurring basis in ArcGIS Notebooks. Automate routine tasks, run large or lengthy processes during off hours, update data frequently, and more. Schedule parameters to pass into a notebook to run analytical scenarios or automatically populate variables.

- When working in a notebook, you can create a snapshot of the notebook to capture its current state. Choose to restore your notebook to the captured state or download the snapshot as a notebook item.

App configuration

- This release includes continued enhancements to the ArcGIS Configurable Apps templates. Imagery Viewer has been migrated to the new configuration experience. Nearby now allows you to provide filters to narrow search results based on values associated with the feature. The Configurable Apps gallery has a new Instant Apps category for quick access to the apps that have the latest configuration experience with express setup and common searchable settings. For more information, see What's New in Configurable Apps.

- ArcGIS Experience Builder introduces four new widgets: Branch Version Management, Chart, Query, and Coordinate Conversion. The Table widget is out of beta and supports attribute editing by checking data capabilities and user credentials. When setting a data source throughout your app, you can now choose a selected features view or use output data generated by Query and Chart widgets. Use the new data actions settings to provide an action menu in supported widgets, so end users can process data at runtime, such as exporting to a file or showing records in a target widget. Other highlights include advanced snap lines that help you position widgets, support for customizing windows in different screen sizes, and the addition of app and page templates for monitoring data. For more information, see What's new in Experience Builder.

- Multiple widgets have been improved in ArcGIS Web AppBuilder. District Lookup has an option to customize the message that appears when no results are found. Info Summary adds the option to sort records at the feature and group level. Situation Awareness has an option to show numeric values of each layer with or without formatting. Editable layers added to the app using the Add Data widget can now be edited using the Smart Editor widget. When defining a Coordinates Attribute Action to collect location information in a feature's attributes, you can now determine the coordinates based on the location of the user editing the feature by selecting the My Location option. For more information, see What's new in ArcGIS Web AppBuilder.

3D visualization

- You can now create elevation profile charts in Scene Viewer. Compare the heights for terrain and 3D objects. Draw or select a line in your scene and interactively explore the elevation and view statistics, such as the elevation gain or slope.

- Scene Viewer now allows you to identify the source and shape of shadows by selecting buildings and other 3D models in your scene.

- Several quality enhancements have been added. A default quality setting provides improved rendering of PBR materials and enhanced visual quality of scene layers. Transparency rendering is also enhanced for scenes with semitransparent ground, and scenes have reduced memory consumption when there is only a single semitransparent tiled layer.

Data management

Item and content pages now have an option to open maps directly in ArcGIS Field Maps when configuring them for use in the field.

Accounts and administration

- Organizations can now configure colors to apply to their home page content. Administrators can choose from eight preset color themes or create their own custom theme if their organization has specific color branding requirements. Each color theme contains color styles that define the text, background, headline, and button or link colors on the home page. To help ensure your colors meet accessibility requirements, the home page editor also indicates when colors are not legible relative to the background color.

- A new public GitHub repository includes detailed documentation on configuring third-party identity providers (IDPs) for your organization's OpenID Connect logins. The repository currently includes documentation for Amazon Cognito, Azure Active Directory, and Google and will support more in future updates.