

# What's new

The December 2021 update includes enhancements and new functionality throughout the ArcGIS Online website. Highlights are provided below. For more information, see the [What's new in ArcGIS Online](#) blog article.

## Mapping

- In addition to applying effects to a whole layer, you can now use [feature-specific effects](#) to emphasize a subset of features in a layer. For example, you can apply the Bloom + Transparency effect to an earthquakes layer to draw attention to earthquakes over a certain magnitude.
- Map Viewer includes enhanced imagery layer support, including the ability to [configure pop-ups](#), [apply raster function templates](#) as a custom rendering rule, and [use time-enabled tiled imagery layers](#).
- Map Viewer has enhanced support for layers added from a URL. You can now work with [GeoJSON layers](#) and filter [OGC WFS layers](#) and [CSV layers](#).
- Improved support for editing source [HTML in pop-ups](#) allows you to seamlessly and securely incorporate preexisting HTML into your pop-ups for custom configuration and display.
- Enhance [cluster pop-ups](#) using ArcGIS Arcade expressions to display the results of calculations and other information about the data. For example, if your map layer shows traffic collision data, you can create an expression to display the number of fatalities represented in each cluster and whether that number has increased or decreased since the previous reporting period.
- Over 160 new color ramps are now available, providing more flexibility, accessibility, and variety when [styling layers](#).
- [Sketching](#) has been enhanced with support for snapping and other improvements.
- You can now add [Arcade elements](#) to your pop-ups. Using Arcade elements can help reduce duplication in logic when working with multiple attribute expressions and can give you greater control over the data and content in your pop-up.

## 3D visualization

You can now [create a scene-based app](#) from the Designer in Scene Viewer. Choose either the Instant Apps, Experience Builder, or StoryMaps templates to create apps with custom functionality.

## Sharing and collaboration

The Overview tab of [item pages](#) now includes information about the status of layers in maps and scenes. Layers that are designated as authoritative or deprecated are marked as such. This provides a convenient way for content owners to identify and fix any layer issues, including deprecated basemaps, in their maps and scenes.

## App configuration

- ArcGIS Dashboards includes several updates. The Table element is now available, allowing you to visualize your data in a table. Tables support advanced formatting and can take part in dashboard actions. Additionally, the user interface for authoring dashboards has been redesigned and now includes a layout panel where you can view and manage your dashboard layout. For more information, see [What's new in ArcGIS Dashboards](#).
- Two new widgets are available in ArcGIS Experience Builder. Elevation Profile generates and displays an elevation profile from an input path in a web map or scene. Suitability Modeler finds the best location for an activity, predicts susceptibility to risk, and identifies where something is likely to occur. Other enhancements include

support for pie charts, displaying page and view names in the URL, and more. For more information, see [What's new in Experience Builder](#).

- Three app templates in ArcGIS Instant Apps are in general availability. The Chart Viewer app displays bar charts, line charts, histograms, and scatterplots to complement the map. The Countdown app displays a list of locations in a map ranked by values for a specified field. The Slider app animates historical, live, or future data based on numeric values or time to show how data evolves. Additionally, you can add the find location tool to most apps and allow exporting results to PDF in Nearby and Zone Lookup. For more information, see [What's new in Instant Apps](#).
- ArcGIS Web AppBuilder includes updates to the Parcel Drafter widget, which now supports adding a warning message that guides users to adjust a misclose distance value while editing a parcel. For more information, see [What's new in ArcGIS Web AppBuilder](#).

## Data management

- A new option is available when you create a hosted feature layer to [define the layers and tables to be included in a blank layer](#). After you create the hosted feature layer, add fields to the layers.
- The workflow for [creating hosted feature layer views](#) has been improved, with the view definition now set as part of the view creation process. You can still [alter the view definition later from the hosted feature layer view's details page](#), but now your hosted feature layer view contains the right content as soon as you create it.
- You can now author and configure forms for editing in Map Viewer. You can [define forms](#) to help the users of your map [edit field values](#).
- If you publish a hosted tiled imagery layer from JPEG source imagery, [the WMTS capability is automatically enabled on the hosted tiled imagery layer](#).
- You can now [open the raster function editor from the item page of a raster function template](#) to display the raster function processing chain.

## Accounts and administration

- For enhanced security in the organization, administrators can now restrict member access to only [approved](#) external apps. In addition, organizations can [block member access](#) to Esri apps while they are in [beta](#).
- The ArcGIS Online website now supports the Bulgarian [language](#).