

# What's new

The June 2017 update includes enhancements to the user experience as well as improvements throughout the site.

## Enhanced user experience

- [Group](#) pages have been redesigned with improved workflows, performance, and layout. You can now search for and filter group members and content, and administrators can configure groups to allow organization members to join without invitation or approval. In addition, owners can now add delete protection to prevent accidental deletion of the group and can also promote group members to group managers to get help with group management tasks.
- Access to your [content](#) has been redesigned with improved workflows, performance, and layout. As part of the enhancement, **My Content** is now a tab on the content page. The page includes tabs for your content, content from your organization, groups to which you belong, and items you've marked as favorites. In each area, you can search for and filter the content. The **My Favorites** tab has moved from the gallery to the new content page.
- [Search](#) has been enhanced to be more focused. For example, you can now search specific tabs of your content and group pages. Search results have an improved layout page and more precise filters.
- Relevant desktop content is now included in search results and group pages. The option to show ArcGIS Desktop content has been removed.
- [Item page thumbnails](#) and [group thumbnails](#) have been enhanced to include support for auto-scaling, larger image sizes, drag-and-drop, and thumbnail adjustments using pan and zoom.
- Support for [adding, calculating, and deleting fields](#) on hosted feature layers has been added to the item page **Data** tab. This enhancement brings the attribute table capabilities of the item page in line with Map Viewer attribute table functionality.
- The My Organization page has been renamed **Organization**.
- [Microsoft ended support for older versions of Internet Explorer](#) on certain operating systems on January 12, 2016. Because of this change in support, beginning with the June 2017 update, ArcGIS Online will no longer fix bugs specific to Internet Explorer 9 or 10, test those versions, or list limitations in the help. This includes configurable apps and Map Viewer. [Supported browsers](#) are now Internet Explorer 11 and the latest versions of Chrome, Edge, Firefox, and Safari.

## Hosted web layers

- Hosted tile layers have been enhanced to be more efficient, automatic, and economical. When [publishing hosted tile layers from hosted feature layers](#), you can now create tiles automatically. This means the tiles are created only when requested such as when a user zooms to an area on the map. Once the tiles are created, they are cached in your hosted storage. Tiles will also automatically update when the features in the source feature layer are updated. To help you take advantage of these enhancements, the cost of publishing tiles has been reduced to 1 credit to generate 10,000 tiles.
- When [creating hosted feature layers](#), you can enable a new option for collecting high accuracy metadata with Collector for ArcGIS. This option adds preconfigured fields and associated domains to the feature layer template schema that Collector for ArcGIS uses to write metadata about the collected data.
- A new [feature layer template](#) is available for collecting ground control points that can be used for georeferencing aerial drone imagery.
- [Publishing hosted scene layers from hosted feature layers](#) is no longer in beta. When publishing and storing hosted scene layers from hosted feature layers, organizations now consume credits.
- Hosted feature layers can now be [published from Microsoft Excel files](#) and [exported as KML and Excel files](#).
- Publishing is faster when creating [hosted feature layers](#) from shapefiles, file geodatabases, ArcMap, and ArcGIS Pro.

## Map Viewer

- Pop-ups have enhanced support for defining and [using attribute expressions](#) written in [Arcade](#). Attribute expressions allow you to dynamically create new attributes from your features. You can use attribute expressions anywhere you work with regular attributes, for example, showing a value in meters instead of feet or dynamically creating a URL based on the attributes of a feature.
- You now have the option of [printing](#) maps with their legends.
- [Vector tile layers](#) and [Esri vector basemaps](#) now appear on printed maps.

- [Displaying imagery](#) has been improved with better rendering capability. The new classified and unique value renderers allow you to give meaningful colors to your data. Additionally, the stretch renderer allows you to set custom statistics from Map Viewer.
- Members with licenses for data layers purchased through ArcGIS Marketplace can now directly [add the layers](#) to their maps.

## Scene Viewer

- Use Scene Viewer to stylize your point data in city scenes more effectively. You can now configure your points to display above buildings with the new [Relative to scene](#) elevation mode. Use [callouts](#) and [improve perspective](#) to better visualize and understand point and label locations and enhance the depth perception in 3D views. [Declutter](#) automatically removes overlapping features as you navigate the scene.
- You can now stylize your buildings by colorizing textures, making textures grayscale, or defining a color to replace the textures with the [Color](#) style. You can use the building attributes in your building layer to drive a color ramp with the [Counts & Amounts](#) style. Alternatively, you can define a different stylization for each value in the attributes with the [Types](#) style, such as making residential buildings blue and commercial buildings orange.
- Visualize your point data by assigning a different 2D marker or 3D object symbol to each value in the attributes in the [2D Types](#) and [3D Types](#) styles. You can choose from a gallery of provided symbols, including realistic Street Furniture, Transportation, and Vegetation models.
- If you need to analyze raster data as part of your scene, you can now add, load, and visualize dynamic imagery layers in Scene Viewer in both global and local scenes.
- Use the share widget to [create a web app](#) in Scene Viewer by using a configurable app or Web AppBuilder.
- Other improvements in Scene Viewer include better lighting for more vibrant colors, highlighting features via pop-up, and more point cloud layer improvements. A new welcome screen allows you to open recent scenes with one click. For more information on what's new, see [What's new in Scene Viewer](#).

## Analysis

- Analysis jobs can now be saved with the result layer so you can [rerun analysis tools](#).

## Organization administration

- Organizations can choose to use Esri [vector basemaps](#) in their Map Viewer and Scene Viewer basemap galleries.
- The [Esri User Experience Improvement program](#) allows organizations to contribute to the design and development of ArcGIS Online.
- Using the new [Allow Origins](#) security setting, organizations can now limit the web app domains that can connect via Cross-Origin Resource Sharing (CORS) to ArcGIS REST API.
- Organization URLs now support HTTP Strict Transport Security (HSTS) for HTTPS-only organizations. This ensures that any client that supports HSTS will always use HTTPS to communicate with the custom URL of the organization.
- Designated administrators are now notified when the organization sends an email that isn't delivered. This allows the administrator to correct and resend the email to join the organization, reset the password, and so on.
- A new tutorial demonstrates how to [configure Okta](#) as your identity provider for enterprise logins.
- You can now share content between ArcGIS Enterprise 10.5.1 portals and ArcGIS Online organizations using [distributed collaboration](#) capabilities. Distributed collaboration allows organizations working in both online and on-premises systems to establish a trusted environment with defined rules for sharing maps, layers, and files across participating systems using item and data replication. This capability is provided as part of an early adopter program available to interested ArcGIS Online organizations. For more information and to apply for the program, visit the [Enterprise to Online Collaboration](#) early adopter web site.
- Organizations with heavy data workloads can upgrade to a [premium feature data store](#) to get dedicated compute resources for higher and more consistent performance.

## Accounts

- When [switching between accounts](#), you now have the option to stay signed in to your current account. When you are ready to sign out, you can choose to sign out of all linked accounts or only the current account.
- Dutch [language](#) is no longer supported in the help.

## ArcGIS content

- The World Imagery basemap has been updated with additional sets of DigitalGlobe imagery for several countries including the United States and Canada with detailed imagery for several hundred areas. This completes the initial set of updates for over 100 million sq. km. planned for the first year of the Esri partnership with DigitalGlobe.
- A new set of vector basemaps is now available in a tiling scheme based on Geographic Coordinate System (GCS) WGS84, in addition to maps in Web Mercator.
- Demographic maps have been updated for the United States and several other countries. The demographic maps now feature the latest 2017 current year estimates and 2022 five-year forecasts for the United States. In addition, updates have been released for more than 30 other countries using the latest Michael Bauer Research (MBR) data.
- The NAIP image services have been updated with NAIP 2016 imagery for 24 states in the United States.
- For the latest information, see the [ArcGIS Online blog](#).

## Configurable apps

- The configuration pane is more consistent across apps.
- [Story Map Cascade](#) supports uncropped tall images, linking to MP3 audio files, and better sizing of embedded media. It also has a dark theme and font choices, and authors can improve how their stories look on mobile devices by specifying alternate images that display for complex or unsupported content.
- Authors can customize the look of their [Story Map Shortlist \(beta\)](#) stories by choosing a header color in the builder.
- [Story Map Cascade](#), [Story Map Shortlist \(beta\)](#), [Story Map Journal](#), and [Story Map Series](#) support the click-through link that is now part of the [Shared Theme](#) organizational settings.
- [Impact Summary](#) now supports sharing subscriber content with anonymous users.
- [Information Lookup](#) now supports the Shared Theme organizational setting.
- Use the new [Minimal Gallery \(beta\)](#) to create a basic card-based gallery of items.
- For the latest information, see [Story Maps blog posts](#) and [configurable apps blog posts](#).

## Web AppBuilder for ArcGIS

The following new widgets are available:

- **Parcel Drafter**—Allows mapping technicians to enter metes-and-bounds descriptions and check for closure errors. It is typically used by Assessing Offices and Register of Deeds to verify deeds and recorded documents but can also be used by surveyors and title companies to verify survey information prior to submission.
- **Screening widget**—Allows you to analyze configured layers for potential impacts within a specified area of interest. The widget reports results of the analysis by summarizing a count of intersecting features and length or area of overlap. Analysis results can then be shared via a printed report, CSV file, and file geodatabase or shapefile download.
- **Grid Overlay**—Supports client-side MGRS grid.
- **Coordinate Conversion**—Allows analysts to input coordinates and convert them between several common formats including UTM, Military MGRS, DDM, DMS, DD, and USNG.
- **Suitability Modeler**—Helps you find the best location for an activity and predict susceptibility to risk, or identify where something is likely to occur. This widget allows you to combine and weight different layers so you can evaluate multiple factors at once.
- **Infographic**—Provides eight graphic templates to visualize and monitor attributes and statistic data from feature layers in the map and extra data sources. The visualization graph is dynamic, refreshing when the map extent or data source changes.
- For more information, see [What's new in Web AppBuilder for ArcGIS](#).

## Apps for the field

Apps for the field have made numerous enhancements since the previous ArcGIS Online update including the following:

- **Collector for ArcGIS** has focused on collecting higher quality data. GPS averaging is now supported and can be used to improve the precision of your high-accuracy collection workflows: you can capture a number of positions and create a location from the average of the positions captured. The app added the ability to rename attachments with meaningful names, and to use basemaps on an SD card for easier, faster deployment of data. Convenient time-saving and error-reducing workflows for copying

features and continuously collecting data are no longer restricted when your map has layers that participate in a relationship. For more information, see [What's new in Collector for ArcGIS](#).

- Explorer for ArcGIS is moving into the field by adding functionality to make it easier to replace your paper maps. Use maps online or download maps packaged for offline use, mark up your map and share your sketches with your organization, and get directions or use the compass to find your assets. It supports more responsive vector basemaps, maps created with smart mapping, related records, and Arcade labels. A new, simplified experience for discovering maps in your organization gets you to the maps that matter most. These new features are currently in beta on iOS and Android. Look for the release on iOS in July 2017, with Android coming later. For the latest information, see the [Explorer for ArcGIS blog posts](#).
- Survey123 for ArcGIS has had a major release since the last ArcGIS Online update. Editing existing data is now supported, allowing you to update features already captured—this includes both data captured in previous surveys, and data from existing feature layers for which you've created a survey. The web designer has added support for modifying questions on published surveys, and sharing survey results through a link. In Survey123 Connect, you can create surveys with aggregate functions that return values derived from responses across repeats. For more information, see [What's new in Survey123 for ArcGIS](#).

## Apps for the office

Apps for the office have made numerous enhancements since the previous ArcGIS Online update including the following:

- ArcGIS Maps for Adobe Creative Cloud gives you access to data-driven maps inside Adobe Illustrator and Photoshop. Load ArcGIS Online content from other users' organizations, including community content from Living Atlas of the World, editable vector layers, and high-resolution images. Collaborate with GIS departments and other designers to create and share maps. ArcGIS Maps for Adobe Creative Cloud is now available for general use; it is no longer in beta. For more information, see the [ArcGIS Maps for Adobe Creative Cloud help](#).
- ArcGIS Earth added the capability to export measurements. Customized KML icons are designed for use in a disconnected environment. Users can also set ArcGIS Earth as the default KML viewer from the configuration file. For more information, see [What's new in ArcGIS Earth](#).
- ArcGIS Maps for Power BI was promoted from preview feature and is now a core visual in Microsoft Power BI Service and Power BI Desktop. The ArcGIS Maps for Power BI June 2017 update is a sequential update with improved speed, better usability, and the ability to manually set the data midpoint for classified data. For more information, see [What's new in ArcGIS Maps for Power BI](#).
- The ArcGIS Business Analyst Web App (formerly Esri Business Analyst Web App) update includes Esri's 2017/2022 demographic estimates and projections for the U.S., new options to visualize data, access to historical traffic data, the ability to customize the app's branding, and several improved workflows. For more information, see [What's new in ArcGIS Business Analyst Web App](#).
- GeoPlanner for ArcGIS now enables you to focus on specific planning areas by allowing you to design, evaluate, and report using selection sets and study areas. This update also helps you generate reports to support the conservation element of a comprehensive plan or other natural asset information products. You can also create environmental screening reports that show how scenario features summarize data from suitability models and assessment layers. All reports can be downloaded to PDF or a CSV file. For more information, see [What's new in GeoPlanner for ArcGIS](#).

## ArcGIS Open Data

Organizations now access and manage their Open Data through ArcGIS Hub, a new product that enables governments and communities to organize and engage together around policy initiatives. With these changes, you still have all the Open Data functionality and capabilities that you had through the ArcGIS Open Data app, but now you access and manage your Open Data through ArcGIS Hub. To learn more about these changes, see the [ArcGIS Hub blog](#).