# What's new

The June 2019 update has improved member management and includes enhancements throughout the site.

## Administration

- Administrators can now simplify the member invitation process by configuring new member defaults such as user type, role, add-on licenses, allocated credits, and other member properties. The defaults you specify are automatically assigned to new members when you add or invite them to join the organization.

- New filters and a consolidated search on the **Members** tab of the organization page make it easier for administrators to perform bulk member management tasks such as updating user types and assigning add-on licenses.

- Two new options are now available for default administrators creating new groups in the organization. You can protect the privacy of members of public groups—for example, crowd-sourcing or community groups—by hiding the list of group members on the **Members** tab of the group page. You can also restrict members from leaving the group, which ensures that members remain in the group unless they are removed by the group owner or a group manager.

- A new set of administrative privileges can be assigned through custom roles that allow members to administer web site or security settings without having to be default administrators.

- For organizations participating in a distributed collaboration, a new **Collaboration** filter makes it easier for administrators to find collaborated content.

- Common administrative workflows such as assigning licenses and inviting members are now optimized for smaller screens.

## Mapping and visualization

- Esri vector basemaps are now enabled by default in the basemap gallery for users with new ArcGIS organizational and ArcGIS developer subscriptions. Vector basemaps are also available for anonymous users who visit the public ArcGIS Online site, as well as for users with ArcGIS public accounts.

- Map Viewer has three new symbol sets to support the utilities community: Water, Sewer, and Stormwater.

- You can now customize the style of vector tile layers directly in Map Viewer.

- When configuring a locator view of the ArcGIS World Geocoding Service, you can now specify a preference for displaying locations either on rooftops or parcel centroids or on the side of the street.

## Sharing and collaboration

- You can now share items with a group you own or manage directly from the group page.

- ArcGIS Online has an improved experience for inviting large numbers of users to groups.

## 3D GIS

- New smart mapping styles in Scene Viewer provide complete styling capabilities for lines and polygons. You can now create attribute-driven 3D extrusions from building footprints and color them by usage type, for example. Additionally, new line profiles allow you to create visualizations with 3D tubes, squares, walls, and strips in your scene.

- Isolate each level of a building interactively with the new floor picker in the Building Explorer tool. Explore and gain better insight into BIM buildings published from ArcGIS Pro, now with predefined filters that allow for custom views.

- Add animated water visualizations to your scenes. Whether you're looking at an ocean from far away or a lake close-up, the new Water polygon style allows you to create realistic views, such as sunlight reflections off the water.

- Scene layer performance continues to improve: Scene Viewer loads integrated mesh, 3D objects, and buildings up to four times faster with the new I3S specification version 1.7. In addition, new client-side caching helps reduce areas without data when exploring the scene.

- Miscellaneous: The Esri-provided gallery in Scene Viewer added new 3D models, such as bicycles and fire hydrants, to further customize your scenes. Additionally, Infrastructure and Recreation web styles are new in the gallery; automatic level of detail has been added to 3D models of schematic trees to maintain strong performance in scenes; and Scene Viewer now supports the CGCS 2000 coordinate system.

## Data management

- When preparing web maps for offline use, you can now draw a polygon to define the area of data included in the map when users take it offline. This provides you with more control over what data is taken offline.

- You can now rebuild only the parts of a 3D object hosted scene layer's cache that changed as a result of edits made to its associated feature layer. This allows you to keep the scene layer and feature layer in sync without having to rebuild the entire scene cache.

## Living Atlas content

- The World Imagery basemap has been updated with the latest DigitalGlobe EarthWatch Vivid and Metro imagery. Small-scale extents now have the latest Earthstar Geographics TerraColor imagery.

- World elevation layers, including terrain and bathymetry, have been updated with high resolution data.

- Demographic maps for several countries have been updated. United States demographics now include 2019/2024 data. For more information, see What's new in Esri Demographics.

- National Land Cover Database, USA Cropland, SSURGO soil data, and other popular environmental content have been updated.

- The new World Hillshade (Dark) layer provides a dark terrain background that allows labels and other layers in the map to stand out.

- The OpenStreetMap vector basemap has new map styles including OpenStreetMap (Esri Street style) and OpenStreetMap (Esri Imagery Hybrid style).

- The Community Maps Editor app now allows you to edit commercial points of interest for basemaps. The app is no longer in beta.

- Live weather feeds are now published as hosted feature layers and publicly available to everyone.

- You can now contribute dashboards created with Operations Dashboard for ArcGIS to Living Atlas.

- For the latest information, see the Living Atlas blog articles.

## Insights for ArcGIS

The June release of Insights for ArcGIS includes the Beta release of Insights Local. The release also includes new pie chart symbols and column chart symbols for maps with multiple categories for a single feature, plus enhancements to summary tables. For more information, see What's new in Insights.

# ArcGIS Companion

ArcGIS Companion has added more features and enhancements since the previous ArcGIS Online update. Highlights include managing add-on licenses for existing organization members and improvements to the member search. If your organization has credit budgeting enabled, administrators and custom roles with appropriate privileges can now manage an individual member's credit allocation. The Organization page also has a new filter to find members based on credits remaining. When adding members, temporary passwords must comply with ArcGIS Online's more rigorous password requirements. Hindi and Ukrainian languages are now supported in the app. For more information, see What's new in ArcGIS Companion.

## App builders

- AppStudio for ArcGIS has been updated. The build environment of AppStudio has been upgraded to use XCode 10.1, which ensures that you can continue to upload your apps to the Apple App Store successfully. AppStudio now also supports Enterprise Mobile Management (EMM) software to read and overwrite some default settings for iOS and Android devices. This allows you to manage and secure your apps and data across mobile devices. For more information, see What's new in AppStudio for ArcGIS.

- ArcGIS StoryMaps, the next generation of Esri Story Maps, builds on the capabilities of the classic story map templates and adds a number of new features. For authors, StoryMaps has a single builder for assembling any type of story from content blocks such as narrative text, multimedia, maps, and embedded web content. Authors can create express maps with new simple mapmaking tools and add existing maps and scenes. Story theming and the publishing process have also been improved to support common workflows. Story viewers can read stories on any device, share social links, and embed stories in their own web pages. For more information, see the ArcGIS StoryMaps FAQ.

- The ArcGIS Online update includes new and enhanced configurable apps. Attachment Viewer is a new app that allows you to provide an immersive experience for users to review features with image and video attachments. App authors can present data and images collected with ArcGIS apps such as Collector for ArcGIS and Survey123 for ArcGIS. Use the new Zone Lookup template to create an app that facilitates finding which zone or district intersects a specific location or address. With this focused app, users can learn more about a location and features of interest in the surrounding area. These new apps are optimized for use on both desktop and mobile browsers. Interactive Legend now supports the Relationship and Location (Single Symbol) drawing styles. In addition, the app includes options to update the map extent based on the filtered features and include a feature count for each category in the legend.

- Web AppBuilder for ArcGIS adds a new Business Analyst widget to provide a way to generate Business Analyst Infographics and Classic Reports. You can now add stops in Directions by searching feature layers. With Query and Filter, you can perform a query on a combination of date and time. The My Location widget has new options to display compass orientation and location accuracy on a mobile device. In addition, more widgets and themes have been enhanced for accessibility. For more information, see What's new in Web AppBuilder for ArcGIS.

## Apps for the field

- ArcGIS QuickCapture is a new mobile application that allows you to capture field observations with the single tap of a button. Use QuickCapture on your Android, iOS, or Windows device to support at-speed asset inventories, aerial surveys, rapid damage assessments, crop scouting, and quick field observations. The mobile app can be integrated with external GNSS receivers for higher location accuracy. Create projects through the QuickCapture designer (currently in technical preview), a web-based experience where you can configure the design, layout, and behavior of the QuickCapture buttons on your mobile app. For more information, see the QuickCapture help.

- Collector for ArcGIS on iPad and iPhone has been updated. There is now parity with Collector Classic—you can use a referenced basemap when downloading a map to work offline, and if you have related features, you now choose if they can be captured directly or must be captured through their parent feature. A number of enhancements are also included. You can copy basemaps directly to your device with the Files app. Using Eos Tools Pro and Lasertech rangefinders, you can capture offset locations. Linking to the app has a new format and is more powerful, allowing you to provide additional information. Finally, some bugs you reported have been addressed. For more information, see What's new in Collector for ArcGIS.

- Survey123 for ArcGIS has had two incremental releases since the previous ArcGIS Online update. Users can now trigger webhooks when a survey has been edited via the field app or web app. In the Survey123 website, the feature report functionality is now officially supported, and the Data page supports viewing related tables. Usage information for feature reports is now provided. Feature report generation does not currently consume credits; credits will be charged in a future release of ArcGIS Online. Surveys that are created and shared by others can be previewed and saved as a copy. Those using multiple accounts can switch accounts without signing out. In the web designer, users can control multiple submissions, the open and close status of a survey and read-only properties of some question types. The field app now supports creating watermarks on photos, a new grid theme layout and has a new improved inline validation of error messages. The user interfaces of Survey123 Connect and the field app have been updated, in addition to other improvements to the underlying repeat, relevant, required, constraint and expression validation. For more information, see What's new in Survey123 for ArcGIS.

## Apps for the office

- ArcGIS Business Analyst Web App users now have access to updated 2019/2024 U.S. Demographics Online data, which includes historical data for U.S. population, housing, and housing units, and can easily add Business Analyst content such as infographics to ArcGIS StoryMaps. For more information, see the What's new in ArcGIS Business Analyst Web App blog article.

- ArcGIS Maps for Adobe Creative Cloud now provides in-app purchasing for commercial-grade access: sign up for a Plus account, a low-cost monthly subscription plan that allows access to all premium maps and layers in ArcGIS Online. This update also introduces new enrichment tools, including the ability to create geographic offset, add demographic attributes to existing layers, and visualize travel times. For more information, see What's new in ArcGIS Maps for Adobe Creative Cloud.

- ArcGIS Urban is a new web-based application that applies 3D GIS to urban planning. The application provides a visual overview of all the plans and projects in a city, with the ability to create, analyze, and compare multiple design scenarios. For more information, see the ArcGIS Urban website.