

What's new

The December 2020 update includes enhancements and new functionality throughout the ArcGIS Online website. Highlights are provided below. For more information and to find out what's new in other areas of ArcGIS, see the [What's new in ArcGIS Online](#) blog article.

Map Viewer Beta

Several enhancements have been added to Map Viewer Beta since the last ArcGIS Online update. Highlights include support for adding layers from the web, blend modes, cluster labeling, group layers, and the ability to filter labels. For more information, visit the [Map Viewer Beta GeoNet community](#).

3D visualization

- New context-aware navigation helps you move around your scenes by detecting an area of interest. You can interact more intuitively with underground earthquakes or power lines made of point cloud data, for example.
- You can [search for features](#) in building scene layers. Scene Viewer queries the associated feature layer in a building scene layer, allowing you to search for individual features of BIM (Building Information Modeling) data.
- Scene Viewer extends support for scene layers with associated feature layers. Applied edits that haven't been updated in the i3s cache are now accounted for and rendered. In addition, pop-ups show attribute values coming from related feature tables.
- Transparent objects are rendered independently of the camera position. The new order-independent transparency (OIT) distinguishes multiple layers of glass or the back side of transparent buildings and other 3D symbology.
- Local scenes can now load and visualize more datasets by supporting additional [custom coordinate systems](#) defined by a Well-Known Text (WKT) string.

Accounts and administration

- The [home page](#) configuration experience has been enhanced. Organization administrators can further customize home page content by including website URL and email links in body text and item gallery summaries. In addition, custom text and links can now be included in the footer. When item galleries are configured, you can now display a specified item type—for example, maps or apps—and information about the selected gallery group is provided. You can also provide feedback about the home page editor and experience using a new feedback link.
- Organizations now have more control over the Esri apps that members can use. Administrators can [block members' access to applications](#) that are included with [user types](#) and that cannot be controlled through licenses, settings, or privileges.
- Administrators can now change the order in which different login methods appear on the organization's [sign-in page](#).
- When purchasing an ArcGIS Online organizational subscription, you can now choose Asia-Pacific as the region where your geospatial data will be stored. The [regional data hosting](#) location is displayed for new and existing organizations on the **Overview** tab of the organization page.
- A new Feature Data Store chart shows administrators how much of the organization's [allotted storage](#) is being used. For organizations that use Premium Feature Data Stores, an additional chart displays the percent usage of database resources over time.

- Some [administrative reports](#) have been improved. Administrators can now generate daily [activity reports](#), and [credit reports](#) now include a field for ArcGIS Notebooks.
- Slovak is a new [language option](#) for viewing the ArcGIS Online website.
- ArcGIS Online now enforces the use of HTTPS, which ensures that all data is encrypted, improves confidentiality, and secures sensitive data. HTTP URLs are no longer accessible. For more information, see [this FAQ](#).

App configuration

- A new configuration experience is available for the Category Gallery and Scene with Inset Map (now called 3D Viewer) templates in [ArcGIS Configurable Apps](#). Build your apps using the express setup or configure them using the full setup, and see your changes as you make them. Apps that use the new configuration experience can now be enabled for Google Analytics tracking. For more information, see [What's New in Configurable Apps](#).
- A few enhancements have been added to ArcGIS Experience Builder. When publishing a template with widgets that use subscriber content, you have the option to authorize content so it can be accessed anonymously. You can now preview surveys that you edit in the embedded designer. For more information, see [What's new in Experience Builder](#).
- Multiple widgets have been improved in ArcGIS Web AppBuilder. The Add Data widget now supports adding WMTS OGC web services. For unclosed parcels created by the Parcel Draft widget in this release and later, users can now edit and close the unclosed boundaries. UTM has been added as a reference system option for Gridded Reference Graphic. With Smart Editor, you can choose Military Grid Reference System (MGRS) when moving point features to a new location using coordinates. For more information, see [What's new in ArcGIS Web AppBuilder](#).

Sharing and collaboration

You can now customize the gallery of items displayed on your [profile page](#). You can change the order of the item thumbnails and choose items to feature in the gallery.

Data management

- If you enable attribute edits on a hosted feature layer or hosted feature layer view, you can further control edits by [disabling editing on individual fields](#).
- When you create a hosted feature layer view, field properties are inherited from the source hosted feature layer. You can [alter the display name, description, field value, and editing properties for fields in the hosted feature layer view](#) without affecting the properties on the source hosted feature layer.
- Beginning with ArcGIS Pro 2.7, you can publish a [building scene layer](#) with an associated feature layer to ArcGIS Online.
- [New Arcade functions](#) have been added to make working with arrays easier.
- The total storage size of all files attached to a hosted feature or table layer is displayed separately from the layer size in the **Details** section on the **Overview** tab of the layer's item page.

Notebooks

Organization members can now use the ArcGIS Notebooks landing page to view, search, and manage their notebooks. Users with the correct privileges can also open and [create notebooks](#) from the new page.

Administrators can also view and [manage all running notebooks](#) in their organization.