



ArcGIS Enterprise 10.9 Issues Addressed List

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ArcGIS Data Reviewer

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BUG-000133516	ArcMap crashes when running the Geometry on Geometry check tool when using a where clause on a set of selected features.
BUG-000133626	PatchFinder is showing both ArcGIS Data Reviewer for Server 10.7.1 and 10.8.1 installed after upgrading to 10.8.1.
BUG-000136098	Duplicate Vertex : Check not detecting errors between last and first vertices.

ArcGIS Data Store

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BUG-000122807	Correct typo in configurebackuplocation.
BUG-000138253	Data stores do not consistently failover.
BUG-000138254	Configuration of standby data store times out if primary relational data store is very large.
ENH-000138255	Improve security of relational data store by enabling SSL.

ArcGIS Enterprise Portal

Analysis

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BUG-000124589	Using aggregate points on a hosted feature layer with cluster of points at one location created from an Excel file does not create the correct output if any field is selected for Add Minority, Majority or Add Percentage.
BUG-000133583	The 'Choose Best Facilities' tool fails when using a large dataset.
BUG-000133822	The selected Match ID for the 'Connect Origins To Destination' tool changes to the first field in the list when 'Use Current Map Extent' is unchecked.
BUG-000134615	The 'Extract Data' analysis tool does not honor the geometry of the study area if the output is set to CSV, KML, or shapefile.
BUG-000135967	Storing analysis results as feature collections doesn't always draw results on the map.
BUG-000136857	Running a custom web tool in Map Viewer with a synchronous execution mode runs indefinitely.
BUG-000137979	Running the Create Buffer tool on a multipoint layer in ArcGIS Enterprise fails.
ENH-000119811	Enhance Join features tool in ArcGIS Enterprise to have the option of "Create results as hosted feature layer view" .



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ENH-000130700	Add a diagram example to the Many to Many origins to destinations tool in ArcGIS Online. Show a brief configuration example within the documentation on how the Origins and Destinations are supposed to connect.
ENH-000135264	Join feature analysis tools in ArcGIS Enterprise should have the option to 'keep all target features'.

ArcGIS Dashboards

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BUG-000127598	Category and Date selectors as buttons are misaligned when both are added to a header element in ArcGIS Dashboards.
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ArcGIS Experience Builder

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BUG-000130206	The filter action triggered on the map is slow.
BUG-000130424	ArcGIS Experience Builder opens in the same tab instead of a new tab when selecting View from the Item Details or Content page.
BUG-000131479	The Zoom to action linked to the second page of a web experience does not work the first time the action is triggered in Experience Builder.
BUG-000131708	Scroll slider is unavailable when selecting widgets in a project containing a lot of maps in ArcGIS Experience Builder.
BUG-000131867	The ArcGIS Experience Builder map widget allows feature selection even when feature selection pop-up is not enabled in the layer.
BUG-000132781	Using Experience Builder, the Bookmarks widget does not honor the individual Bookmark settings like Layer Visibility or Basemap from the related web map or web scene.
BUG-000133194	Unable to export a CSV from an embedded web app attribute table from ArcGIS Experience Builder sites, with the 'Allow exporting to CSV' option enabled.
BUG-000133789	Unable to close the layer and legend widgets on an iPad and Android tablet in ArcGIS Experience Builder with a finger on the touchscreen.
BUG-000134538	The Help documentation for ArcGIS Experience Builder in Portal for ArcGIS does not link to the Portal for ArcGIS Help documentation URL when it is installed on Linux.
BUG-000134735	If signed into an organization that has anonymous access disabled and embedding or viewing an application that uses any "https://.maps.arcgis.com..." address via the URL option in ArcGIS Experience Builder (Online Edition)'s Embed widget, the request URL for the application changes to "https://undefined.undefined...index.html" and the embedded app fails to load.
BUG-000134771	In ArcGIS Experience Builder, the list values based setting does not function when the setting is set to 'Values filtered by previous expressions' for a filter in the Filter widget.
BUG-000134930	Prevent Experience Builder from allowing .svg images as supporting files.

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BUG-000134989	The resize menu for widgets in ArcGIS Experience Builder disappears when the widget is pushed to the top of the application (Full Screen, Snap to top, or Full Height).
BUG-000135318	High quality images are compressed when added as a local upload into the Image widget in Experience Builder.
BUG-000135393	When clicking on the top level folder name for a menu in Experience Builder, the experience takes a user back to the home page, and does not stay on the current page.
BUG-000135433	Images in an ArcGIS Experience Builder project are blurry when viewing and editing.
BUG-000135808	Non-public facing surveys are not accessible in the Experience Builder Survey widget in ArcGIS Enterprise 10.8.1.
BUG-000135809	Selecting an existing survey using the Survey widget in ArcGIS Experience Builder from a public-facing ArcGIS Enterprise portal returns the ArcGIS Survey123 website instead of the form.
BUG-000136012	Feature attachments fail to download when accessed through a dashboard embedded in ArcGIS Experience Builder.
BUG-000136016	Unable to select existing surveys using the Survey widget in ArcGIS Experience Builder in ArcGIS Enterprise.
BUG-000136017	Unable to configure the Survey widget in ArcGIS Experience Builder to auto-populate fields from existing attributes of the feature layer in the map.
ENH-000130868	When submitting a survey via widget on Experience Builder, the “Thank you for your submission” disappears instantly and a blank survey is loaded directly afterwards. The user may not know if the survey was submitted, unless checking back with the organization to see if it went through.
ENH-000131543	Add hosted feature tables as a supported data source for the List Widget in ArcGIS Experience Builder.

ArcGIS Web AppBuilder

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BUG-000105712	When using the data type Double as a model parameter in the ArcGIS Web AppBuilder Geoprocessing widget, a maximum of 3 decimals are displayed.
BUG-000113626	Using 'Export as a CSV' option to export the selected polygons does not produce any output for the polygons which are selected using the Query widget in the Web AppBuilder for ArcGIS application.
BUG-000116344	If you have a field containing time and date information in the web app builder, exported results from the query widget do not include the time information.
BUG-000116548	When drawing a line with the Distance and Direction widget and then printing the result, the Print widget hangs and generates an error.
BUG-000116759	Related table does not appear in the Configure Smart Editor window after removing and re-adding to associate Portal for ArcGIS web map.
BUG-000118367	In the Web AppBuilder for ArcGIS Select widget, selectability is reset to the initial configured settings after adding data via the Add Data widget.

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BUG-000118531	When in Modify layout mode and dragging to add multiple widgets in the layout mode, the numbers given to the widgets do not appear in the configuration panel if adding three or more widgets in ArcGIS Web AppBuilder for ArcGIS with the Dashboard theme.
BUG-000118904	Setting the sticky move tolerance property in the Edit widget of Web AppBuilder for ArcGIS does not return the feature to the exact value when a feature is accidentally reshaped or moved.
BUG-000119338	The count value displays incorrectly while using the Summary widget.
BUG-000119349	When using the Edit and Smart Editor widgets in Web AppBuilder for ArcGIS on a polygon feature layer, multiple polygons are selected when zoomed out.
BUG-000119709	When using the Batch Attribute Editor widget, populating a Date field as 'New Date' in the pop-up window disables the Save button when the 'Number and date format' field of the user profile is set to Canada-Canada.
BUG-000120065	Coordinate Conversion widget does not zoom to a map location when the basemap is in the EPSG 102067 (5514) coordinate system.
BUG-000120123	The Add Data widget does not support GeoJSON file format.
BUG-000121779	The Insert Image button does not work in the About or Splash widget in an ArcGIS Web AppBuilder app on certain touchscreen devices.
BUG-000122293	The Screening widget in Web AppBuilder for ArcGIS fails to display feature pop-ups for the Place Name tool when both Place Name and Coordinate tools are enabled for the widget.
BUG-000122330	The Screening widget returns an incorrect count in the output report when one part of the multipart feature lies outside the bounds of the selected feature layer.
BUG-000124273	In Web AppBuilder for ArcGIS, the Public Notification widget output shows the custom attribute value of an Arcade expression created using FeatureSets as [Object Promised] when the overlapping feature services are involved.
BUG-000125437	Attributes widget in Web Appbuilder fails to export records to CSV when the service layer has a large "Max Record Count" value and when the value is greater than or equals to the available records.
BUG-000125514	The Query widget edition does not allow symbology to be updated after the Flash operation has occurred.
BUG-000125656	When changing the style in Web AppBuilder, the text inside the Smart Editor widget disappears.
BUG-000126938	Legends are visible in the Screening widget report after the 'Hide in Legend' option is enabled in the layer setting.
BUG-000126961	In Web AppBuilder for ArcGIS, if a buffer distance is set in the Screening widget before drawing or uploading a feature, the widget does not zoom to the area of interest.
BUG-000127051	The Save option of the Situation Awareness widget does not honor the configured pop-up.
BUG-000127185	The hosted tile layer is unable to expand in the Layer List widget of Web AppBuilder for ArcGIS when a .tpkx file created in ArcGIS Desktop is added using the 'Add item > From my computer' option.
BUG-000127234	The Batch Attribute Editor widget does not correctly build queries when the associated web map contains a filter that applies an OR operator.
BUG-000127316	When editable layers are checked on or off in the layer list while the Smart Editor widget is opened, pop-ups do not open until the widget dialog is closed.
BUG-000127341	The Screening widget in Web AppBuilder for ArcGIS does not display the attributes of multipart features when a shapefile is uploaded as an area of interest and a buffer distance is specified.

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BUG-000127508	The Save button does not work in the Situation Awareness widget if the web map contains a feature class with a required field.
BUG-000127601	The Info Summary widget in Web AppBuilder for ArcGIS does not sort numbers in integer type fields correctly.
BUG-000128020	Unable to use the ArcGIS Online World Geocoding Service in the Data Aggregation (Beta) widget unless the geocoder is shared with everyone.
BUG-000128746	The WebApp Builder for ArcGIS Threat Analysis widget uses the wrong units with in an ArcGIS web map using a custom basemap in EPSG:25832.
BUG-000128938	Analysis Derive New Locations fails to run in the Analysis widget.
BUG-000128964	A discrepancy in the quality of map printed using Screening Widget in its report.
BUG-000129201	The Info Summary widget with clustering enabled causes pop-ups to close when panning or zooming after deactivating the widget.
BUG-000129234	The Threat Analysis widget fails to create evacuation zones if the web map uses British National Grid Basemap.
BUG-000129375	Creating a Web AppBuilder application using a Near Me widget which is embedded within ArcGIS Experience Builder returns the following error message, "Geolocation has been disabled in the document by Feature Policy."
BUG-000129495	The Situation Awareness widget in Web AppBuilder for ArcGIS does not respect the text field type formatting with numeric values.
BUG-000129924	Portal for ArcGIS 10.7.1 High Availability Licensing Patch is preventing the Edit widget from editing the related tables.
BUG-000129976	The ArcGIS Enterprise portal allows members with a Viewer user type to edit data using the Smart Editor widget in a Web AppBuilder for ArcGIS application if the data is coming from a stand-alone server.
BUG-000130333	The search function for the District Lookup widget in a Web AppBuilder function flashes on an Android device, but does not allow the user to search.
BUG-000130480	A conflict between the Parcel Drafter and Query widgets in the Jewelry Box theme and the Tab themes.
BUG-000130614	Applying the Group Filter widget in Web AppBuilder zooms in to the filtered polygon but does not show the complete extent.
BUG-000130954	When attribute filters are applied to the Attribute Table widget and a large number of records are in the filtered results, the CSV export does not honor the filters.
BUG-000131036	The custom symbol color in the Query widget configuration repeatedly changes to the default colour (green) for polygons when editing the polygons.
BUG-000131054	The Search Source settings from the Related Table Charts widget in ArcGIS Web AppBuilder does not function.
BUG-000131074	The Group Filter widget does not apply preset values to the Smart Editor widget as stated in the documentation.
BUG-000131092	The exported web app template does not honor the 'Use current map view'.
BUG-000131521	Only 10 layers downloaded using Screening widget 'Download' function in Chrome and Edge.
BUG-000132019	Unexpected indentation for grouped layers in Layers List widget in WAB
BUG-000132075	The Near Me widget direction functionality fails if there are multiple Near Me widgets in the application, and one of the Near Me widgets has solved a route.
BUG-000132131	Portal for ArcGIS Security 2020 Update 1 Patch prevents the Edit widget from editing related tables.

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BUG-000132776	The showLayers URL parameters do not work as expected in ArcGIS Web AppBuilder for an ArcGIS application.
BUG-000133061	Unable to configure the Distance and Directions widget in ArcGIS Web AppBuilder in Catalan language.
BUG-000133491	When using the Batch Attribute Editor widget in ArcGIS Web AppBuilder for an ArcGIS Enterprise portal, the save button is disabled when populating a Date field as 'New Date' when the 'Number and date format' field of the ArcGIS Enterprise user profile is set to Canada-Canada.
BUG-000133753	The Edit widget within an ArcGIS Web AppBuilder app behaves inconsistently with the data added using the Add Data widget.
BUG-000133960	Geoprocessing tool fails to run in environments with Web AppBuilder 2.16 or higher.
BUG-000134037	The Suitability Modeler widget in ArcGIS Web AppBuilder returns an error message, "Service not found" while validating the World Ecophysiological service hosted by ESRI.
BUG-000134328	On Android devices, the keyboard disappears when attempting to type an address from the Near Me widget in ArcGIS Web AppBuilder using the Pocket theme.
BUG-000134329	When using the Coordinate widget in Web AppBuilder on mobile devices or browsers with over 125% zoom, the coordinate system labels appear unprompted, and can overlap other elements of the app.
BUG-000134897	Publishing the results of the Visibility widget as a new feature layer in ArcGIS Web AppBuilder for ArcGIS Enterprise 10.8.1 returns the error message, "Add to definition: The submitted field 'type' does not exist in the table < >."
BUG-000135511	The Group Filter widget in ArcGIS Web AppBuilder does not honor the previous filter applied in the underlying web map in ArcGIS Enterprise 10.8.1.
BUG-000136356	The Filter widget in ArcGIS Web AppBuilder resets the 'Ask for Value' check box when two or more expressions are added.
ENH-000102147	Add ability to add WFS and WMTS OGC services using Add Data widget in Web AppBuilder.
ENH-000109592	Support the capability to create a Gridded Reference Graphic from a rectangle in an area of spatial reference other than WGS84 using the Gridded Reference Graphic widget.
ENH-000118995	Allow users to change the default input Coordinate system in the Coordinate Conversion Widget in Web App Builder.
ENH-000123617	In Web AppBuilder Gridded Reference Graphic widget, provide description in interface to clarify intended use of different options to Define a Grid.
ENH-000130961	Enhance the "Smart Editor widget" document to include information about passing date and time preset values using URL Parameters.
ENH-000131515	Remove the custom color for the Dashboard Theme in Web App Builder and place it under the header widget



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Distributed Collaboration

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BUG-000129523	Usernames preceding with 'esri_' cause a failure when used in Distributed Collaborations.
ENH-000107318	Provide the ability to allow shared editing of feature layers between an ArcGIS Enterprise portal and an ArcGIS Online organization participating in Distributed Collaboration.
ENH-000107628	Provide the ability to allow shared editing of feature layers between ArcGIS Enterprise portals participating in Distributed Collaboration.

Home Application

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BUG-000124838	Unable to add portal members for enterprise accounts when ArcGIS Enterprise portal's SAML configuration uses a defaultIDPUsernameSuffix.
BUG-000131701	Configurable parameters are not saved on configurable web mapping application items.
BUG-000132064	When a feature layer is shared with 'everyone' it is not possible to run analysis tools which depend on StreetMap premium routing services.
BUG-000132379	When configuring an imagery layer's display settings the updates are not saved.
BUG-000133119	Adding a comma-separated values (CSV) file containing an area field with alphanumeric values starting with letters will incorrectly generate X and Y values.
BUG-000133621	After configuring new member defaults, a page reload is required before enabling the "Automatically join" option within the Enterprise login properties.
BUG-000134126	Configuring Cached Elevation Image Service in ArcGIS Enterprise portal Utility Services settings fails.
BUG-000134708	Disabling a member on the Enterprise portal organization members page will returns an error but successfully disables the member.
BUG-000134960	Unable to filter items when the gallery page is configured use a group with custom group categories.
BUG-000136052	ArcGIS Enterprise portal upgrade fails if ArcGIS for AutoCAD is added as an application prior to the upgrade.
BUG-000136624	Label classes published as a map image layers are not visible when editing in the Enterprise portal Map Viewer.
BUG-000138852	A Location Tracking folder is incorrectly created for any administrator who opens the Organization Settings page when Location Tracking is configured.
BUG-000139935	Location Fields do not populate automatically when adding an item with locations using the add item option on the Content page in the Enterprise portal.
ENH-000109104	Provide Multi-Factor Authentication (2FA) support in ArcGIS Enterprise for built-in user accounts.
ENH-000117446	For multilayer feature layers, provide the ability to open an individual layer in the Map Viewer.
ENH-000119503	Privilege option to "Share with public" under custom role configuration should not be enabled when sharing content with public is disabled on the organization.

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ENH-000120730	Allow administrators to create and export detailed reports of their ArcGIS Enterprise organization's members and items.
ENH-000133375	Add webhook support for web tier authentication (IWA/PKI) and SAML sign-in events.
ENH-000135034	On the members page, do not display the "Reset password" option, for member accounts managed in external identity stores such as SAML, Active Directory or LDAP.
ENH-000135863	Groups with update capabilities are not available in the groups list when sharing items from the item overview page.
ENH-000138853	Support the ability to calculate hosted feature layer field values using Arcade.
ENH-000138857	Support the ability to append new features to hosted feature layers.
ENH-000138858	Support the ability for members to receive an email when their password is reset by an administrator.
ENH-000138859	Add a setting to approve hosted feature layers for public editing and help avoid accidental sharing of editable layers.
ENH-000138875	Add a page visibility setting for administrators to specify who can access the main website pages from the navigation bar at the top of the site.
ENH-000138876	When a web map is authored with a group layer, display the layer's structure on the web map's item details page.
ENH-000138877	Add option for capturing Z values when creating feature layers from a template.
ENH-000138878	Provide an enhanced experience for configuring the home page.
ENH-000138879	Add support for federating OpenID Connect based IDPs with ArcGIS Enterprise portal.
ENH-000138880	Provide the ability for administrators to configure the order in which different login methods appear on the organization's sign-in page.
ENH-000138882	Add support for the Slovak language in the ArcGIS Enterprise portal home application.
ENH-000138883	Support the ability to add GML files to ArcGIS Enterprise portal.
ENH-000138884	For multilayer feature layers provide the ability to access individual layer details.
ENH-000138885	When enabling attribute edits on a hosted feature layer, provide the ability to control disabling editing on individual fields.

Installation and Upgrades

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BUG-000126078	Specifying a domain account that contains a password with spaces to run the Windows service, causes the installation to instead default to the Windows service being run as Local System upon completion of the installation.
BUG-000138844	Upgrading Portal for ArcGIS does not remove temporary administrative account left in index.



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Scene Viewer

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BUG-000119176	Unable to sign in with different organizational, enterprise and social networks login from Scene Viewer.
BUG-000128025	Switching between slides doesn't update the basemap in web scenes.
BUG-000128341	Hatched fill symbology is not honored in Scene Viewer.
BUG-000129123	Searching multipatch features in Scene Viewer does not zoom correctly.
ENH-000125859	Add client-side spatial queries for Building scene layers.

ArcGIS Enterprise SDK

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BUG-000130430	FeatureClass.search() returns the java.lang.NoSuchMethodError error when called in Server Object Extension (SOE) built from ArcGIS Enterprise SDK.
BUG-000133799	When a server object extension (SOE) or server object interceptor (SOI) is removed using ArcGIS Server Manager, the SOE or SOI is not fully unregistered from all machines in a multiple-machine site deployment.

ArcGIS GeoAnalytics Server

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BUG-000130913	GeoAnalytics (RunPythonScript) generates a UnicodeDecodeError illegal multibyte sequence error for Chinese characters.
BUG-000137134	The installation for GeoAnalytics should include a note about the Run Python Script tool usage on Linux.
ENH-000130394	Enhance the Run Python Script tool to support writing multiple layers to a single feature service.

ArcGIS GeoEvent Server

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BUG-000131593	Overwriting a hosted feature service created from ArcGIS GeoEvent Server updates the associated federated ItemID in Portal for ArcGIS.
BUG-000131776	The Send an Email Output Connector configured in Lithuanian returns text in Unicode in the email body.



ArcGIS Enterprise 10.9 Issues Addressed List

BUG-000132926	The GeoEvent Sampler and Event Viewer map popup is unable to display the multibyte language strings correctly.
BUG-000132928	The GeoTagger Processor does not allow writing to existing fields when using the Enter or Exit operation.
BUG-000132930	The GeoEvent Sampler label strings are incorrectly displayed for supported non-English languages.
BUG-000132931	The GeoEvent Sampler displays the prettified JSON data universally as strings when the attributes are numeric.
BUG-000133699	Operating system restarts fail to display ArcGIS GeoEvent Manager approximately one in four times.

ArcGIS Location Referencing (Pipeline Referencing / Roads and Highways)

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BUG-000135422	MeasureToGeometry function does not return correct linear geometry when applied to a Line-enabled Network with Location Referencing REST API.
BUG-000131854	A Pro map service published with Unique Value symbology and the All Other Values option displays an offset legend in Event Editor.
BUG-000134952	Event QC in Event Editor shows visual offset between event feature and the gap/overlap graphic layer.
BUG-000136070	When deleting a version, Event Editor returns <i>versionName has no parent version</i> when the default is set to Protected.
BUG-000133024	Unable to change the attribute values of any field in the <i>Add point Events</i> window if a non-default value is selected in the Subtype field.

ArcGIS Notebook Server

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ENH-000138794	Update ArcGIS Notebook Server notebook runtimes to include ArcGIS API for Python version 1.8.4.
ENH-000138795	ArcGIS Notebook Server 10.9 includes a new setup for installing notebook samples data.
ENH-000138796	ArcGIS Notebook Server 10.9 includes new sample notebooks that showcase a study of healthcare provider data.
ENH-000138797	ArcGIS Notebook Server 10.9 supports multi-licensed sites, where all machines that participate in a multi-machine site no longer need the same level of license.
ENH-000138798	Add a new administrative API to support programmatic upload of large data to a users notebook workspace directory.
ENH-000138799	ArcGIS Notebook Server 10.9 allow authors of ArcGIS Notebooks to preserve multiple point-in-time snapshots of a notebook and revert to a snapshot at a later time.



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ENH-000138800	In ArcGIS Notebook Server 10.9 users with schedule notebook privilege can schedule tasks for notebooks that use custom notebook runtimes.
ENH-000138801	In ArcGIS Notebook Server 10.9, the 'Calculate Motion Statistics' GeoAnalytics tool is added in Notebook Viewer.
ENH-000138802	In ArcGIS Notebook Server 10.9, the 'Trace Proximity Events' GeoAnalytics tool is added in Notebook Viewer.
ENH-000138804	The ArcGIS Notebooks experience has been updated with a new notebooks landing page accessible from your organization's navigation bar.

ArcGIS Server

Documentation

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BUG-000132935	When configuring an Esri vector tile layer basemap to be taken offline, the layer must be shared with Everyone (public).
ENH-000091086	Update the documentation to reflect that SOIs are only supported with dynamic map services.
ENH-000127791	Document how to update hostnames in connection strings for registered data connections in ArcGIS Server.
ENH-000132884	Enhance the documentation to include the limitations of bulk publishing from the data store when publishing feature classes with related tables as both will be published as separate items.
ENH-000136797	Improve documentation to specify proper syntax when running restoredatastore.bat

Enterprise Geodatabase

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BUG-000109684	Unable to create a spatial index on a materialized view created from an ST_Geometry feature class in pgAdmin
BUG-000128952	Unable to delete a field with an attribute index in an SQL Server geodatabase.
BUG-000130742	Optimize branch versioned pagination queries when using an enterprise geodatabase in Oracle
BUG-000131647	Performance issue when updating an SQL Server geodatabase versioned view in ArcGIS 10.8, when compared to ArcGIS 10.3.
BUG-000132635	PostgreSQL: PostgreSQL server fails and kills the connection when geometry column has mix entities.
BUG-000132751	Optimize sql statements for branch versioned queries when using an enterprise geodatabase in Oracle
BUG-000133129	SQL functions using the ST_Geometry type fail on Oracle Solaris 5.11 11.4 OS - Oracle 19c Database - versions 10.8 and 10.8.1 Enterprise Geodatabase environments with the following error message, ORA-06520: PL/SQL: Error loading external library. ""



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BUG-000133289	Adding attribute indexes to ArcGIS system managed columns prevents unregistering as branch versioning and disable archiving.
BUG-000133498	ArcGIS Server does not release requests correctly when the user's session limit is reached in an Oracle Solaris environment.
BUG-000135256	[ORACLE] Using shape.area in a definition query with pagination fails on a branch versioned feature class
BUG-000135415	The ST_AREA() and ST_INTERSECTION() functions fail and return the error message ORA-20813: Invalid polygon closure" for specific geometries."
BUG-000136889	After upgrading Enterprise Geodatabase 10.7.1 to 10.8.1 and running the query to get Next_RowID, the following error message is returned: "Procedure or function i13_get_ids has too many arguments specified."
BUG-000134206	Editor tracking (UTC) records an incorrect time when the data is non-versioned archive enabled and the client machine uses a different time zone than the DBMS server.

Feature Services

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BUG-000084926	The addFeatures operation fails when applied to a feature class participating in a geometric network, and the feature dataset has a vertical coordinate system applied (Z enabled feature class).
BUG-000086888	When querying a map service layer and calling output statistics for a field, the query fails and returns the error, "Unable to complete operation" if the 'onStatisticField' parameter references the Oracle 'SHAPE.LEN' field for a polyline service layer. The server logs display "Geodatabase error: Attribute column not found[ORA-00904: "SHAPE"."LEN": invalid identifier]" or "General geodatabase error occurred."
BUG-000116961	When querying a feature service, published from a referenced query layer, with Return IDs Only set to True, the query fails with, "Unable to complete operation. Unable to perform query operation."
BUG-000131882	The definition query is not honored when creating a local copy for editing.
BUG-000132723	The SynchronizeReplica operation fails when using an uploaded .json file, causing the feature service to crash.
BUG-000133372	ArcGIS Collector does not sync the attachments from offline areas if the offline advanced settings for Editable Features are changed from the default setting.
BUG-000135812	All attributes in the hosted feature layer view are passed through the collaboration from Portal of ArcGIS to ArcGIS Online with the collaboration that has a field definition applied.
BUG-000136930	In a branch versioned service, when sourcing from a PostgreSQL database, any interruption to the connection results in an underlying DBMS error until the service is restarted.
BUG-000138887	The properties for maxRecordCount are dropped from the layer resource when &returnDomainNames=true is added to the URL.
BUG-000138888	EditorTracking during portal to portal sync did not preserve creationdate on import to the second portal.



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Geoprocessing Services

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BUG-000088878	The local TEMP directory content of a user's account are not automatically removed when the option to 'View results with a map service' is enabled for asynchronous geoprocessing services.
BUG-000124647	The Analyze window does not allow registering the data source while publishing a web tool from an unregistered source.

GIS Server

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BUG-000124998	For newly published services, ArcGIS Server logs return these incorrect single occurrence warning messages, "Unable to process request. Service FolderName/ServiceName/MapServer not found" and "Error getting service."
BUG-000132311	Unable to view service workspace information in Server Manager when the site's config-store is stored in S3/DynamoDB in Amazon Web Services.
BUG-000133232	Members assigned custom roles with privileges to delete items cannot delete their own items when the role includes some admin privileges.

High Availability

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BUG-000134458	In some environments, the standby portal does not rejoin successfully.
BUG-000135171	If the portal hostname changes, the DR tool fails to run with the error "Failed to generate token for Portal for ArcGIS".
BUG-000138805	If the casing of the services URL is different between the source and target sites when restoring a backup created using the WebGIS DR utility, the restore of Portal for ArcGIS fails.
ENH-000102170	ArcGIS Enterprise 10.9 introduces a new mode to the WebGIS DR tool when creating backups called "backup".
ENH-000115544	ArcGIS Enterprise should support restoring a backup that contains pointers to the backed up content.
ENH-000115624	Improve the usability of the webgisdr tool when backing up large ArcGIS Enterprise deployments.
ENH-000123248	Allow users to completely turn off the incremental backup at their discretion.

ArcGIS Enterprise 10.9 Issues Addressed List

Image Services

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BUG-000127263	When uploading a raster to ArcGIS Image Server using the 3400 NAD 1983 10TM AEP Forest projection, distorted duplicates of the image service appear in different parts of the world.
BUG-000134055	'Statistics' is misspelled in the response from the statistics operation of an image service.
BUG-000134867	Issues for the getSamples operation on multidimensional cloud raster format (CRF) based images service.
BUG-000139062	After publishing a single band image with a colormap as an image service with 'colormaptRGB':true, the MapViewer legend is incorrect.
BUG-000139063	Remove the 'attributes' property from the 'mduinfo' section of the image service endpoint.
BUG-000139064	The identify result for multi-dimensional CRF based image services is missing variable information.
BUG-000139066	Exporting an image with a clip stretch percentage does not use a variable histogram, if a non-default histogram is selected as part of the mosaic rule.
BUG-000139069	The getsamples operation fails for some CRF based image services.
BUG-000139070	Improve the performance of image services that are based on mosaic datasets stored in an enterprise geodatabase and configured with shared instances.
BUG-000139072	Image services published from a raster dataset that include a raster attribute table, do not include a UV renderer by default.
ENH-000134139	Provide the ability to return sum statistics for the ComputeStatisticsHistograms operation for image services.
ENH-000139068	Provide support for per variable legends for image services based on multi-dimensional rasters.

Linux

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BUG-000121591	The 'Check for ArcGIS Enterprise Updates' utility uses port 80 but the default should be 443.
BUG-000138812	Additional root or intermediate certificates cannot be imported to ArcGIS Server Linux after one is already installed.
BUG-000138842	Patch Notification tool will not automatically use console mode on headless systems.
BUG-000138843	The Patch Notification tool will exit when one of the patches selected cannot be installed successfully making bulk installation not possible.



ArcGIS Enterprise 10.9 Issues Addressed List

Manager

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BUG-000134113	Only update service iteminfo when the Item Description fields are purposefully edited within Server Manager.
ENH-000138759	Add an option for setting a preferred time zone on map services authored from ArcGIS Pro.
ENH-000138760	Provide an option for migrating eligible map services from the ArcMap service runtime to the ArcGIS Pro service runtime.

Map Services

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BUG-000119400	An annotation layer published as a map service to ArcGIS Server displays the incorrect LayerID at the map service REST endpoint
BUG-000126783	The SOAP QueryFeatureData requests fail for services published with ArcGIS Pro
BUG-000128903	The Export Map Server Cache tool fails to export some tiles at certain levels.
BUG-000131269	Dashed lines and markers are misplaced when published to ArcGIS Server if the line feature representation properties are mapped using override fields.
BUG-000131443	Querying a map service in the GeoJSON format returns Z values, even when the 'ReturnZ' parameter is set to false
BUG-000132140	Overwriting a layer in Portal for ArcGIS converts the existing symbol markers to images, leading to quality degradation with each subsequent overwrite
BUG-000135453	Configured SymbolLevels on a Service get's ignored once a DynamicLayers-Request is done
BUG-000137074	The map image layer fails to render data when adding a single web layer with the Counts and Amounts (Size) drawing style
BUG-000138554	Map services published from ArcGIS Pro does not apply time zone offset in some of its operations
BUG-000138555	Map service does not have any flag indicating it supports time relation queries
NIM083258	Dot density symbology in a map service is not honored in web client legends

OGC Services

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BUG-000132388	ArcGIS Server sets the min/max (X, Y) parameters incorrectly for EPSG:7844 in the WMS GetCapabilities.
BUG-000134901	Some National Digital Forecast Database (NDFD) Grid Data have non-compliant coverage names when shared as Web Coverage Service (WCS) through ArcGIS Server.

ArcGIS Enterprise 10.9 Issues Addressed List

BUG-000134907	The Web Coverage Service (WCS) GetCoverage request does not recognize new coverage names that are converted from the non-compliant coverage names.
BUG-000135216	Specifying a filter containing 'OR' in a GetFeature request to a web feature service does not use the attribute index on the underlying data for a query when using the OR operator.
BUG-000139073	The NODATA pixels defined for a CRF do not get returned for version 1.1.x or 2.0.1 requests to WCS services.
BUG-000139074	For some mosaic datasets, the WCS 2.0.1 GetCoverage response will return a TIFF file that is missing spatial reference information.
BUG-000139075	The response for a version 1.1.1 describe coverage call to a WCS service is missing the default interpolation type method.
BUG-000139076	WCS getcoverage requests should use default dimension values if the request is missing values.
BUG-000139080	The header of .mht files included in a WCS getcoverage responses has xml syntax problems.
BUG-000139081	Executing repeated WCS getcoverage requests, that are missing dimensional values, will return incorrect results starting with the second request.
BUG-000139082	The support time parameter is incorrect for version 1.0.0 getcoverage requests made to WCS services based on multi-dimensional CRF data.
BUG-000139084	The timeresolution response format is incorrect for version 1.0.0 and 1.1.x requests to WCS services.
BUG-000139086	Improve the handling of missing and invalid values passed with the rangesubset parameter in version 1.1.1 WCS service requests.
BUG-000139088	Getcoverage requests to WCS services fail when the rangesubset parameter includes more than one field.
ENH-000139079	WCS services based on multi-dimensional rasters do not support getcoverage requests with multiple dimensions.

Print Services

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BUG-000121840	Layers published with symbol levels turned on, fail to print in the ArcGIS Online default print service
BUG-000133066	A polyline is printed with a solid symbol when the SimpleLineSymbol is set to 'none' when printing the map via the print service
BUG-000133317	The default print service in ArcGIS Server 10.8.1 on certain operating systems fails to print maps, and returns the error message, "Error executing tool. Export Web Map Task : error raised" when the account running ArcGIS Server is not an administrator
BUG-000133436	The WMS (Web Map Service) layers are missing from the print service output
BUG-000133912	Legends for tile layers from ArcGIS Server 10.7.1 and earlier don't show up in print service outputs
BUG-000136277	Operational layers from secured services do not appear in printed web maps when the basemap service is shared with everyone and is from the same ArcGIS Server site
BUG-000136938	Support TIFF as an additional format type for a print service



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BUG-000136947	The error message, "Error executing tool. Export Web Map : Report: Unable to write PDF to location <file path>." is returned when using a custom printing tool service that includes a report template
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Publishing

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BUG-000131297	Unable to publish a hosted service when the server has a folder named 'Imageserver'.
BUG-000132146	Unable to overwrite the hosted feature layer created from uploading a CSV file with addresses in Portal for ArcGIS.
BUG-000132610	Updating or overwriting a CSV file fails if the first 150 records are removed.

Security

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BUG-000093661	When utilizing Active Directory and LDAP with users and Built-in Roles, when the Users are removed or changed in the Identity Store and belong to a Built-in role in ArcGIS Server, their respective JSON file becomes orphaned in the configuration store (\..\arcgisserver\config-store\security\user-roles) causing these users to become 'stuck' under roles in ArcGIS Server. When this happens, users are not able to be removed from roles. When the deleting process is done, the name is removed, but if the user logs out and then login again, the name reappears. The only way to fix this is to manually delete this file in the configuration store. If JSON files become orphaned in this directory, when a user is deleted from a role, the respective JSON should be deleted from the configuration store.
BUG-000106664	Unable to sign in to the Portaladmin API if incorrect forward proxy settings are specified within Portal for ArcGIS System Properties.
BUG-000112766	When Portal for ArcGIS is configured with the Active Directory enterprise identity store and Portal-tier authentication, account usernames containing spaces are unable to sign in to the Portal for ArcGIS home page.
BUG-000136905	When only the SAML login option is turned on for an organization, the users should either be automatically signed in or redirected to the login page instead of the page with the enterprise button on it.
ENH-000088818	Currently Portal for ArcGIS does not have any support for SASL communication with Active Directory. Customer is requesting future versions of Portal for ArcGIS to have support for SASL communication.
ENH-000138776	Add support for TLS 1.3 in ArcGIS Enterprise.



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ArcGIS Web Adaptor

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BUG-000136092	Requests through the ArcGIS Web Adaptor (IIS) may fail with a HTTP 500 error code that leaves the system unresponsive.
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ArcGIS Workflow Manager

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BUG-000136432	Workflow Manager Connect ArcPy Function Fails to Connect to Active Workflow Database When Used in a Geoprocessing Tool Through Workflow Manager Server with Portal Authentication.
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