



ArcGIS 10.7.1 Issues Addressed List

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BUG-000106531	The Delineate Built-Up Areas tool runs indefinitely when used with specific data.
BUG-000114828	ArcMap graphics disappear during on-the-fly reprojection when the map coordinate system changes.
BUG-000116614	The related table returns an incorrect selection result when more than 99 records are selected in a feature class involved in a relationship class.
BUG-000118262	Synchronize Replica must not fail when the attributed relationship class is missing in a relative replica.
BUG-000119012	Feature classes with incorrect ring ordering crashes ArcMap 10.6.1 when labels are enabled.
BUG-000119228	Query operations against map services return no results when floating point values are used in the 'where' clause.
BUG-000119476	Client forcibly disconnects from a PostgreSQL database and returns an exception from sdepgsrvr.dll when executing spatial queries.
BUG-000120550	Importing a raster into a workgroup or personal geodatabase from the Database Server connection option returns the following error message: "ERROR 999999: Error executing function. No raster store is configured. Not running inside a server process. Failed to execute (CopyRaster)."
BUG-000120672	Creating turns in ArcGIS Desktop fails and returns the following error message: "The Create Feature task could not be completed. The geometry for a turn cannot start or end at a junction."
BUG-000120722	ProjEng: Add Slovak CRS and transformations.
BUG-000120928	Network Analyst vehicle routing problem (VRP) solver fails in locales where a comma is used as the decimal separator.
BUG-000120933	ArcMap 10.5 and later interprets the latitude_of_origin incorrectly, and ECW (Enhanced Compression Wavelet) files with the NAD_1983_HARN_StatePlane_Indiana_East_FIPS_1301_Feet projection are shifted north and no longer line up with existing shapefiles that previously matched in ArcGIS Desktop 10.4 and older.
BUG-000121141	Function evaluators for height, weight, and length restriction attributes may incorrectly return network elements as restricted if a start time is specified.
BUG-000121297	Font smoothing in Windows 10 significantly degrades ArcMap's performance.
BUG-000121404	ProjEng: Change MGRS to DD algorithm to support strings in the wrong latitude band.
BUG-000121491	ProjEng: Add ONGD17 datum, GCS, PCS, Transformation.
BUG-000122020	Unable to read certain Controlled Image Base (CIB) or Compressed ARC Digitized Raster Graphic (CADRG) imagery in ArcMap and ArcGIS Pro.
BUG-000122125	The Make NetCDF Raster Layer tool causes an unexpected "999999" error in ArcGIS Pro 2.3.2.



ArcGIS Enterprise

Analysis

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BUG-000108888	The Enrich Layer tool analysis fails when a polygon layer includes features that are very small in size and has a spatial reference other than Web Mercator Auxiliary Sphere (120100).
BUG-000111100	ArcGIS Pro's web tool documentation implies that web tools can only be published to the most recent version of ArcGIS Enterprise.
BUG-000117794	The Extract Data analysis fails when the layer has a query on the date field.
BUG-000120090	The Summarize Nearby analysis in ArcGIS Online Map Viewer fails when a filter is applied based on a Date Field.
BUG-000120945	The version of the database referenced by a GPService service is not refreshed unless the service has a versioned feature class as a parameter.
BUG-000120945	The version of the database referenced by a GPService service is not refreshed unless the service has a versioned feature class as a parameter.
BUG-000123142	Extract Data tool fails when run on a feature service that is shared publicly.
BUG-000123163	Merge Layers analysis tool fails when one of the input layers selected is a GeoPlanner design layer.
ENH-000123152	When performing Feature Analysis provide the ability to geocode locations from table.
ENH-000123159	Provide the ability for the Enrich Layer analysis tool to maintain the symbology of the input layer in the result layer.

ArcGIS Data Store

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BUG-000116596	Unable to configure tile cache data store if port 5986 is utilized.
BUG-000120441	Clarify Data Store Upgrade documentation with respect to GeoEvent and GeoAnalytics upgrade order.
BUG-000122645	Upgrade fails on Spanish locale
ENH-000121109	Improve the error message returned when running the updatebackupschedule utility to change the backup schedule for a spatiotemporal big data store that does not have a default backup location configured.

ArcGIS Web AppBuilder

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BUG-000102026	Built-in Web AppBuilder in Portal for ArcGIS 10.4.1 shows layers of WMS services in random order rather than of the same order as in the service.
BUG-000105430	The Filter widget in Web AppBuilder for ArcGIS does not zoom to the filtered layer in Portal for ArcGIS 10.5.
BUG-000113384	Portal for ArcGIS is unable to load the built-in Web AppBuilder for ArcGIS when the Portal for ArcGIS machine name includes the phrase apps.

BUG-000117660	The Web AppBuilder for ArcGIS Search widget fails to display the result of the geocode service with the error message, "SyntaxError: Invalid regular expression" returned in the Console tab with fields containing asterisk despite getting the response from the geocode service.
BUG-000120061	Related data points to the same feature in Web AppBuilder for ArcGIS for Portal for ArcGIS when there are multiple relationships to the same feature class.
BUG-000120069	Web AppBuilder for ArcGIS fails to display the related attribute information if Arcade expression is configured in the web map on the related table.
BUG-000121222	The Attribute widget in Web AppBuilder for ArcGIS does not return consistent records when exporting attribute to CSV for a feature layer with large records (millions) in Portal for ArcGIS.

Caching

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BUG-000105471	Caching ArcGIS Server map services with feature class representations returns a false report of successful jobs and creates .dmp files originating from the caching tools.
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Disaster Recovery

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BUG-000122408	A custom certificate for the server of the web server is not maintained when restoring a webgisdr backup.
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Distributed Collaboration

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BUG-000120525	Unable to invite a collaboration guest if their organization's URL has the same fully qualified domain name as the host.
BUG-000120746	Unable to share feature service items via Distributed Collaboration from ArcGIS Online to Portal for ArcGIS if the service name contains brackets ().

Documentation

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BUG-000107465	When building an AWS CloudFormation environment, the documented password for the sde user in a geodatabase in Amazon RDS for PostgreSQL is not correct.
BUG-000121235	Update documentation to reflect the inability to download a dataset when accessing an ArcGIS Enterprise site anonymously.
ENH-000100195	Improve documentation for the source-loc and data-dir options on the restoredatastore utility.
ENH-000121101	The documentation for the xssPreventionRule should be expanded to discuss the advantages and disadvantages for setting this option, including both potential security benefits and performance drawbacks.
ENH-000122273	Documentation is missing a forward-slash in the path for modifying the webadaptor.config file.

Enterprise Geodatabase

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BUG-000086769	Editing a Versioned View which is Archived using SQL, does not update the _H table correctly.
BUG-000094837	When creating a point feature class into a PostgreSQL geodatabase using ST_Geometry, the resulting shape column is created with the data type of ST_Point.
BUG-000106357	Unable to make a connection from ArcGIS Desktop using Database authentication login, if password contains } character.
BUG-000115790	Create Enterprise Geodatabase GP Tool fails with error stating "Grant alter to sde" if the size of the Model database is greater than 500MB.
BUG-000119219	Unable to delete an Oracle materialized view either from ArcMap or ArcCatalog, or ArcGIS Pro.
BUG-000119476	Client forcibly disconnects from PostgreSQL database and throws exception from sdepgsrvr.dll when executing spatial queries.
BUG-000120363	Feature class coming from Oracle 12.2 (10.6.1 GDB) with a definition query built as a combination of statements including the area (shape) field of the feature class fails to return correct results
BUG-000121378	Data loss in the text field (VARCHAR2) when importing to Oracle geodatabase if the field characters are more than 2000 characters.
NIM097398	Query Builder generates incorrect results when the SHAPE.AREA field is used with a text field for versioned data in an Oracle database.

Enterprise Sites

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BUG-000118374	Search parameters and category tags get appended to URL in ArcGIS Enterprise Sites.
BUG-000119128	The Sign In button does nothing when trying to access a secured page in a public site for Portal 10.6.1 even when anonymous access is enabled.
BUG-000119180	Anonymously accessing an ArcGIS Enterprise site displays default thumbnails for publicly shared items
BUG-000119427	Accessing ArcGIS Enterprise sites fails to create the Site Administrator Group when accessed in a German Browser on an OS with German Regional Setting
BUG-000121414	Portal for ArcGIS fails to initialize the ArcGIS Sites app when Portal for ArcGIS URL exceeds limits set by the API.
ENH-000119752	When configuring the gallery tool in layout builder for ArcGIS Enterprise Sites, provide a way to order web applications within the gallery.

Feature Services

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BUG-000111075	A feature service consumed in a GeoEvent Service fails to re-establish communication with the database once the database connection comes back after a communication failure.
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BUG-000116817	Unable to publish a GeoJSON containing z-values as a hosted feature service in ArcGIS Enterprise.
BUG-000117000	Hosted feature layer published to Enterprise portal, fails to Rebuild Index on updating the layer definition from the admin endpoint.
BUG-000117583	The Update Features operation with more than 100 features fails from the REST endpoint for a feature service sourced from a registered database.
BUG-000117750	Unable to publish standalone CSV files into Portal for ArcGIS as feature services.
BUG-000118757	Querying an empty feature service from REST fails with the error message, "Unable to complete operation. Unable to perform query operation" if the feature service references data from a database (non-geodatabase).
BUG-000120204	Query results of the REST API in the JSON format return different numbers than what was published.
BUG-000120304	Publishing a feature service from a GeoJSON file in the Portal for ArcGIS Content page fails to create a feature service if the GeoJSON file contains a field value with 256 characters or more.
BUG-000120304	When publishing a feature service from a GeoJSON file in Portal for ArcGIS, the process fails if the GeoJSON file contains a field value with 256 characters and more.
BUG-000123140	Applying a view definition query that contains the interval syntax causes a database error.
BUG-000123141	Customized templates are not honored when a map is taken offline for hosted feature services.

GeoAnalytics

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BUG-000120388	Invalid values writing big data file share shapefile outputs with non English characters and field values using GeoAnalytics Server.
BUG-000120824	Hosted feature layers based in the spatiotemporal data store created with a boolean field definition through GeoEvent fail writing to the relational data store with GeoAnalytics.
ENH-000116581	In the Portal home application, allow a user to filter attribute values on inputs to GeoAnalytics tools.
ENH-000123170	Add support for new Overlay options in GeoAnalytics Server in Portal Map Viewer.
ENH-000123171	Add track profile to the Arcade Expression builder for GeoAnalytics Tools in the Portal Map Viewer.
ENH-000123172	Expose the Near Geodesic spatial relationship in Join Features for GeoAnalytics Tools in Portal Map Viewer.

Geocode Services

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BUG-000104922	The geocode service published to ArcGIS GIS Server with the Suggest functionality enabled from a locator using the 'General - Single Field' style causes a memory leak.
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GeoPlanner

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BUG-000123127	Exported map containing a vector basemap doesn't open within the portal Map Viewer.
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BUG-000123129	Buttons on the bottom of "Design Model" page in Modeler panel can become hidden.
BUG-000123130	Unable to modify a model containing 15 layers using the Modeler.

Geoprocessing Services

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BUG-000120945	The version of the database referenced by a GPService service is not refreshed unless the service has a versioned feature class as a parameter.
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GIS Server

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BUG-000120204	Query results of the REST API in the JSON format return different numbers than what is published.
BUG-000121294	Enable ArcGIS Desktop and ArcGIS Server 10.5 and 10.6 to read mosaic datasets that have been created or modified in ArcGIS 10.7.
BUG-000121595	Intermittent site creation, create service, and delete service fails with ArcGIS Server that are resolved after multiple retries.
BUG-000123144	The ArcGIS GIS Server logs do not capture all the events relating to "Registering and unregistering data stores" and "Security events" as mentioned in the "About server logs" documentation.
BUG-000123145	ArcGIS Server logs do not display correct service name when querying Shared Instance services.
BUG-000123146	Do not allow publishers to edit the preferSharedInstances property in ArcGIS Server Administrator directory.
BUG-000123147	Occasionally, ArcGIS Server service instances that have crashed or need to be restarted due to a service timeout do not get terminated.

High Availability

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BUG-000117003	Unable to export a hosted feature service as a file geodatabase in Portal for ArcGIS deployments configured to be highly available.
BUG-000123137	Database transaction logs are retained on standby portal when running the webgisdr tool.

Home Application

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BUG-000085701	The pop-up windows in Portal for ArcGIS returns the error message, "No Information Available" when the layer contains a join with an unregistered table.
BUG-000101698	An item shared publicly is unshared when a member, without the ability to share items publicly, shares the item to a group.
BUG-000110164	In the Map Viewer, unable to run the Geocode Locations from Table tool.

BUG-000115859	When selecting line or polygon features for layers with pop-ups enabled, the selection symbology does not match the actual feature geometry.
BUG-000119234	The full name property of SAML Enterprise accounts is not set if the 'surname' attribute is sent in the SAML response from the Identity Provider (IDP).
BUG-000119611	When clicking the thumbnail on the item details page of a survey published to Portal for ArcGIS the system redirects the user to ArcGIS Online.
BUG-000119714	Predefined labels disappear from the web map after applying a filter, saving the web map and refreshing the web map.
BUG-000119812	Decimal separator for float and double data types remain as a comma instead of period when Number and Date Format is set to Mexico - Méjico and language is set to Spanish - Español.
BUG-000119868	In the Map Viewer, unable to remove a Map Service sublayer if the layer has previously been saved.
BUG-000121677	ComputePrivateServiceURL returns the wrong URL in Portal for ArcGIS when web adaptors are similarly named.
BUG-000123161	Administrators are unable to manage their own user type when viewing the Members tab in List view.
ENH-000096183	Provide the ability to create custom roles for management of portal settings which allows specific administrative tasks to be delegated without the need for full administrative privileges.
ENH-000101579	Disable the connections and disconnections logging within Portal's internal database.
ENH-000113338	Add support for searching licenses by product name in the Organization's Licenses tab.
ENH-000123158	Support filtering search results by item location.
ENH-000123164	Improve error message when an enterprise user cannot be added to the organization because the account does not have an email.
ENH-000123165	Support the ability for administrator members to filter by collaborated content.
ENH-000123166	Provide the ability to register and publish data from user managed data sources.
ENH-000123167	Provide support for the Ukrainian language.
ENH-000123168	Support the ability to publish hosted feature layers from Microsoft Excel files.
ENH-000123169	Include access to two new vector tile basemaps - Open Street Map and Oceans.

Installation and Upgrades

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BUG-000116321	Version for RabbitMQ platform service do not update upon upgrading ArcGIS GIS Server from 10.5.1,10.6 to 10.6.1.
BUG-000121142	Upgrading to Portal for ArcGIS 10.7 fails if the content store is set to use an Amazon Web Services (AWS) S3 bucket.
BUG-000123136	Unable to rejoin the standby portal if it is unregistered prior to upgrading.
BUG-000123138	When upgrading from 10.5 or 10.5.1 on portals configured for high availability, the index service configuration files are not updated correctly.
BUG-000123139	Suppress the message about a required reboot until the last patch is installed using the Patch Notification tool.



Living Atlas

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BUG-000123143	Esri Living Atlas mature support content can be searched from portal but cannot be browsed through map viewer, scene viewer or under Content > Living Atlas in portal home application.
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Manager

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BUG-000123150	Querying logs and geoprocessing jobs fails when browser is set to Turkish.
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Map Services

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BUG-000118724	Querying a pagination supported ArcGIS Server map server returns the message, "No records found" if the specific query record(s) has a NULL geometry.
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Network Analysis Services

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ENH-000123149	Expose 'usePortalTravelModes' property on Network Analysis services in Server Manager.
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Notebook Server

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BUG-000120600	Password restrictions are inconsistent on Primary Site Administrator Account page and Configuration Summary page.
BUG-000123160	Search results fail to load when they contain an item owned by esri_notebook and the user is anonymous.
BUG-000123199	Choose Best Facilities tool not working using the code snippet generated in notebook viewer.
BUG-000123201	ArcGIS Notebook Server configuration wizard does not display localized strings for hyphenated locales, for example zh-CN.
ENH-000123190	Add support for Import Site operation in ArcGIS Notebook Server Administrator API.
ENH-000123191	Add support for Export Site operation in ArcGIS Notebook Server Administrator API.
ENH-000123192	Add support for multiple-machine ArcGIS Notebook Server site for scalability and high availability.
ENH-000123193	Add support to edit and update location of ArcGIS Notebook Server configuration store and directories.
ENH-000123194	Add Forest based Classification and Regression and Generalized Linear Regression GeoAnalytics tools to notebook viewer.
ENH-000123195	Add Geocode Locations from Table standard analysis tool to notebook viewer.
ENH-000123196	Add Determine Travel Cost path as Polyline, Calculate Distance, Extract Raster and Monitor Vegetation Raster Analysis tools to notebook viewer.
ENH-000123197	Add ability to choose a runtime when creating a blank notebook.

ENH-000123198	Add ability to edit Notebook title, description, terms of use, tags and attribution information from notebook viewer.
ENH-000123200	Update “Deep Learning: Detect swimming pools” sample notebook.
ENH-000123202	Update notebook runtimes to include ArcGIS API for Python version 1.6.1 and ArcPy version 10.7.1.

OGC Services

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BUG-000107869	The Set Extent option does not work in Portal for ArcGIS 10.5 after adding a Web Map Tile Service (WMTS) layer.
BUG-000115127	A Web Feature Service opens up with a different ‘Version’ parameter when accessed from Server Manager and REST endpoint.
BUG-000120883	A Web Feature Service (WFS) published to a Spanish locale in ArcGIS Server returns commas instead of decimal separated values when viewed in the GeoJSON format for fields created in the Double data type.
BUG-000121884	ArcGIS Server fails to honor Web Coverage Service (WCS) external capabilities for image services and returns the error message: "error on line 2 at column 1: Extra content at the end of the document."
BUG-000122686	ArcGIS Server WFS service has problem recognizing an srsName with # character.
ENH-000123151	Expose "DefaultVersion" parameter on WCS services in Server Manager.

Scene Viewer

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BUG-000095867	Add support for offset properties on SimpleMarkerSymbol in SceneView.
BUG-000118862	Popup in Scene Viewer fails to display field value (float) without digit separator when language setting is Dutch.
BUG-000120300	Avoid prompt for authentication on FeatureLayer associated to publicly shared SceneLayer.

SDK

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BUG-000120479	IMapTableInfo::DefinitionExpression does not exist in ArcGIS Enterprise SDK.
BUG-000121433	Starting a 10.7 map service with a 10.6.1 server object extension (SOE) or server object interceptor (SOI) enabled fails with an error, “Could not load file or assembly 'ESRI.ArcGIS.AddIns' or one of its dependencies”.
BUG-000121904	Starting a map service with a Java SOAP server object extension (SOE) enabled fails with an error, “javax.xml.soap.MessageFactory”.

Security

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BUG-000114982	The Portal for ArcGIS default print service remains accessible although services directory and anonymous access are disabled.
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BUG-000119891	Portal for ArcGIS profiles allow HTML injection.
BUG-000120805	ArcGIS Server has an access control issue.
BUG-000121145	Portal proxy does not fully validate the allowedProxyHosts parameter.

Templates

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BUG-000117714	Location Tracking causes the map to zoom too far into the scale and does not maintain the scale when zoomed out or when moving with the device, in the Basic Viewer application.
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ArcGIS Data Reviewer

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BUG-000118887	An incorrect layer is selected in the Attributes window when using the 'Select And Zoom To Feature Geometry' command from the Reviewer table if two layers are sourced from the same feature class.
BUG-000121082	The Geodatabase Schema Compare tool fails when both schemas contain a feature class with the same name and one or both of these feature classes have an undefined coordinate system.
ENH-000119915	Add a note in the documentation that the Unique ID Check requires field names to match exactly (even the case) in order for the check to be set up for a workspace.

ArcGIS Monitor

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#559	I18N-TXT-HE/TH/RU [Chrome/Edge/FF]: Incorrect Availability values displayed on Availability page in ArcGIS Monitor Server site.
#562	The records display on Alerts page with HE/RU browser locales are inconsistent with English browser locale in ArcGIS Monitor Server Site.
BUG-000111315	The ArcGIS Monitor installation does not contain a feature description for the ArcGIS Monitor Administrator.
BUG-000118508	Add portal counter in ArcGIS Monitor returns an error message while portal password has special case (@ and #).
BUG-000120846	ArcGIS Monitor alerts filters returns alerts that are generated out outside of the requested interval time. (Browser set Australian English as language)
BUG-000121931	ArcGIS Monitor fails to add ArcGIS Counter if the ArcGIS Server has a folder containing Korean character.
ENH-000116252	In Alert emails, add link to the troubleshooting section of the existing doc

GeoEvent Server

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BUG-000111200	Unable to update feature records, based upon the TRACK_ID field in a GeoEvent Definition, if the case does not match the field in the feature service.
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BUG-000116360	Connection to the spatiotemporal big data store is lost when authenticating with PKI and connectivity to the portal is interrupted.
BUG-000116370	Upgrade and address issues with the Verizon Networkfleet Connector and the Waze Connector.
BUG-000116541	Cannot subscribe to stream services published using a server connection other than Default.
BUG-000120621	Unable to publish and use stream services located in a services folder.
BUG-000121144	Aggregation bins fail to render and query additional levels of detail beyond default values for services in the spatiotemporal big data store.
BUG-000123061	Geofences are not usable by processors when caching.
BUG-000123062	The Geotab Connector does not properly recognize the new data types in the feed.