



## ArcGIS 10.6 Issues Addressed List

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## ArcGIS Desktop

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BUG-000086321	Wrong attributes are given to buffered polygons when short lines are being buffered with a large buffer distance, a 'LEFT' or 'RIGHT' line side, and a 'FLAT' line end type.
BUG-000094598	MapTips is displayed when zoomed outside the visible scale range of a layer in a group.
BUG-000095572	Adding a specific Web Map Tile Service (WMTS) crashes ArcMap with a serious application error.
BUG-000096495	The Project Raster tool fails with ERROR 000151: The geotransformtion(s) is not valid. Failed to execute (ProjectRaster) at 10.4. The same transformation can be successfully applied at earlier versions.
BUG-000096736	The ArcPy ArcSDESQLExecute function does not return date values in version 10.4.
BUG-000096911	More labels appear in versions 10.4+ than in versions 10.3.1- despite using the same conflict detection settings in the Maplex Label Engine.
BUG-000097933	The Convert Coordinate Notation geoprocessing tool does not run successfully when the operating system uses commas instead of decimal places when the input coordinate format is DD_2.
BUG-000098465	Stacked labels become unstacked when editing a field in the linked feature class that is associated with a SQL query in an annotation class.
BUG-000098471	Using the Copy Raster tool, with the Environments > Raster Storage > Compression set to NONE, writing to a TIFF uses Lempel-Ziv-Welch (LZW) compression if the Ignore Background Value and NoData Value are populated.
BUG-000098720	Updating a raster dataset with the Mosaic tool does not maintain the compression of the pyramid level zero data.
BUG-000099050	An exported color map file (.CLR) does not honor the colors assigned to the cell values in the layer, if the layer has Unique Values symbology. Some of those values are not represented in the actual source raster.
BUG-000100742	In ArcMap, the feature cache is not maintained when clicking Editor > Save Edits and Editor > Stop Editing in an enterprise geodatabase, or when clicking Editor > Save Edits in a file geodatabase. In contrast, the feature cache is preserved when clicking Editor > Stop Editing and selecting 'Yes' when prompted with the following message, "Do you want to save your edits?".



BUG-000100802	The Export To CAD tool fails if an empty domain is applied to a field.
BUG-000101267	MOR_I18N: License Manager - Date is not localized after clicking the Diagnose button.
BUG-000101443	The 'Datasource' property in ArcPy provides only the dataset name when the database connection and the map document layer are pointing to different versions.
BUG-000101647	Single Field radio button selection is not maintained when rerunning Geocode Addresses tool from the Results window.
BUG-000102253	Incorrect results are received when running the Eliminate tool with polygon data as the input.
BUG-000102259	The Find Routes tool, when run in a Python script, fails with the following error message, "Error 030098: The network dataset must have at least one time-based and one distance-based cost attribute."
BUG-000102335	Single Field radio button is disabled for Input Address Fields in the Geocode Addresses tool when used in Model Builder.
BUG-000102341	Single Field radio button disabled when running Geocode Addresses tool in batch mode.
BUG-000102878	Rasters within a certain extent with World Geodetic System (WGS) 1984 coordinate system display with no extent or cell size.
BUG-000103089	The Table To Domain tool crashes ArcGIS Pro if the input table contains numeric values for the Code and Description fields.
BUG-000103090	ArcMap 10.5 does not read the spatial reference of TIFFs correctly.
BUG-000103140	ArcGIS Desktop 10.5 makes repeated requests to getlegendinfo when loading Map services many layers. Previous versions of ArcGIS Desktop like 10.3.1/10.4.1 are more efficient. The cumulative effect of this issue substantially increased draw time for services with many layers in Desktop 10.5.
BUG-000103214	When running the Append geoprocessing tool, a SELECT * occurs on the target feature class.
BUG-000103312	When the language format on Windows operating systems is set to Czech, the Raster to ASCII tool output does not preserve the dot (.) as the decimal separator. The dot is replaced by a comma (,).
BUG-000103812	The Find and Replace tool does not accept an equal number of characters based on the character width.
BUG-000103868	The Connect Origins to Destinations tool provides incorrect or missing attributes in the output features.
BUG-000103977	Applying the Resample or Reproject function from the Image Analysis window does not work as expected.
BUG-000104272	When analyzing mosaic datasets that use the Frame Camera raster type, the Analyze Mosaic Dataset tool returns the following error message, "Error: High: The geometric function used in the mosaic dataset item does not reference a DEM."



BUG-000104285	In ArcGIS Desktop 10.5, arcpy.TestSchemaLock always returns 'False'.
BUG-000104509	Exporting the footprints of a mosaic dataset containing satellite imagery using the Export Mosaic Dataset Geometry tool gives unexpected results.
BUG-000104875	The error, "Error 001481: Failed to unpack tile package" is returned when using a Tile Package as a source tile cache with the Import Tile Cache tool.
BUG-000105092	Create LAS Dataset writes out wrong Central Meridian value when creating data in the coordinate system ETRS_1989_NTM_5 (EPSG 5105) for Norway..
BUG-000105236	Creating a tile cache fails when using a tiling scheme with custom levels.
BUG-000105323	Python raster function template can be applied correctly on the mosaic dataset layer, but fail to generate output when added as processing template
BUG-000105332	US Address - Dual Range locator does not return proper intersection matches when the intersection consists of a numbered street that comes second.
BUG-000105383	The Thai text and annotation characters or diacritics have overlap issues when exported to a PDF file.
BUG-000105427	ActiveX control warnings appear when interacting with geoprocessing tools after updating to Windows 10 version 1703 (Creators Update).
BUG-000105489	In ArcMap, when zooming to or panning between Levels 20-23 on any Esri basemap service, multiple requests are made for tiles that do not contain data, until a request is made for valid data from Level 19 to display.
BUG-000105567	Map Document created with Picture marker symbol as a background text for a geodatabase annotation feature class is not preserved or maintained correctly.
BUG-000105737	Parcel remainder with flex points keeps the original cogo values on the lines causing errors.
BUG-000106118	LAS dataset created in ArcGIS Desktop 10.4.1 displays in the correct location, but shifts 15 kilometers south when created in ArcGIS Desktop 10.5.
BUG-000106131	Nodata mask is not applied properly to File Geodatabase raster datasets by the IRasterEdit::Write function.
BUG-000106183	Esri Vehicle Routing Problem solver at 10.5 exhibits subpar clustering quality and does not scale to large order counts.
BUG-000106561	LAS file that worked in 10.3.1 will cause an application crash at 10.4.1, 10.5.1, Pro 1.4.1 and 2.0.



BUG-000106597	Write only properties are missing in ArcObjects VB.NET 10.5 and Visual Studio 2015, which shows the error message "Property is of an unsupported type".
BUG-000106598	Adjustment will fail if DEM is located in geodatabase
BUG-000106599	SGM/ESGM will fail for Pleiades data if the images are stored as multiple blocks
BUG-000106616	The common fields between the input and join features are dropped when running the Spatial Join in ArcGIS Desktop - ArcMap
BUG-000106746	The Focal Statistic tool returns incorrect results when processing a 64-bit Double Precision raster with a neighborhood parameter of Circle and a large radius.
BUG-000106885	The Check Selected Parcels command gives false error on unclosed polygons.
BUG-000106995	Metafile.Dispose method causes ArcGIS Engine application to crash.
BUG-000107003	Excessive memory usage sometimes occurs with the Select Layer by Location geoprocessing tool when adding features to an existing selection using the ARE_IDENTICAL_TO selection method.
BUG-000107011	The Find Nearest analysis connecting line outputs does not contain all attributes falling within the drive-time range.
BUG-000107045	Some addresses are unmatched in a 10.5.1 dual range locator that were matched at 10.4.1.
BUG-000107117	Unable to select features after applying definition queries.
BUG-000107122	Inconsistent Line Point creation and deletion with stacked lines present and using different workflows.
BUG-000107187	Fabric Adjustment hangs when using Colinear post processing.
BUG-000107232	The Clip function overrides the color ramp applied by the Colormap function in ArcMap 10.5.1.
BUG-000107234	The Colormap function does not accept one band of a multiband raster as a valid input in ArcGIS Desktop 10.5.1.
BUG-000107268	Generate Tessellation Tool outputs with the wrong area when using StatePlane Projections in Feet or Intl Feet in ArcMap 10.5.1.
BUG-000107280	The RegisterWithGeodatabase function fails on an empty spatial table while the Register With Geodatabase geoprocessing tool succeeds.
BUG-000107304	Updating National Imagery Transformation Format (NITF) driver to correctly read multi-segmented NITF.
BUG-000107305	Fix image mensuration issues when using the image coordinate system.
BUG-000107309	The error, "Transfer data (XML stream) has missing data" is returned when performing a parcel remainder and other operations.



BUG-000107327	Running the Copy Raster tool with the 'RGBToColormap' option selected produces an incorrect output raster dataset in ArcGIS Desktop 10.5.
BUG-000107333	Data referencing and copying to server have an unexpected interaction when network dataset has the same feature class as a source and a landmark at the same time.
BUG-000107400	ArcMap crashes while using What3words address locator in Geocode address tool.
BUG-000107499	Spatial indexes are deleted in ArcMap while executing the Append tool as a sysadmin
BUG-000107606	While Esri Units has both Standard/International Feet and US Feet, the stats tools use International Feet. Change stats tool dialogs with linear unit parameters to use US Feet.
BUG-000107701	Double-clicking on a feature while editing vertices causes the layer to redraw and resulting in latency.
BUG-000107996	Street labels unplaced or misplaced when spread.
BUG-000108019	The behavior of the geoprocessing tool "Detect Feature Changes" is abnormal as it takes long time to process and halts in between the process.
BUG-000108128	Update licensing of Raster Mosaic and Raster Catalog tools for inclusion in ArcGIS Runtime.
BUG-000108161	The Find Nearest tool fails when a destination point is present in the origin dataset and 'Include route layers' is checked.
BUG-000108202	Reconciling conflicts for the line features in the Geometric Network dataset distorts the shape of the feature.
BUG-000108285	Multipart to Singlepart tool returns "ERROR 000072: Cannot process feature with OID . Failed to execute"
BUG-000108327	Fabric Reconcile logic presents system field conflicts when Edit tracking is enabled on points.
BUG-000108388	Error message required for tools that do not output to pgdb in 10.6
BUG-000108412	The geocode suggest operation fails to returns the correct address when users enter alias characters in place of umlauts contained in the address.
BUG-000108414	Adding a large mosaic dataset stored in postgresSQL or sqlserver to the map takes a long time.
BUG-000108418	LAS dataset Profile View does not display lidar points with their 'Point source id' when the Las Dataset uses "LAS attribute grouped with unique symbol" as renderer and "Point Source ID" as LAS attribute
BUG-000108432	Importing a histogram from a .stat.xml file when inserting 'Statistics and Histogram Function' does not import the histogram correctly.



BUG-000108538	Completing a sketch after clicking the Undo button during certain editing workflows deletes the existing selected feature and replaces it with the newly-completed sketch.
BUG-000108582	copying a mosaic dataset to postgresql or sqlserver with rasterblob storage is NOT creating the MD raster with out of line storage resulting in very poor performance
BUG-000108583	AddRasters is slows down for MD stored Postgresql as the number of records in the catalog increases.
BUG-000108606	Python raster objects contain all bands when created from multiband raster even when a single band is requested.
BUG-000108665	fix spelling of USE_COMPRESSED_OBJECTS environment variable for URI column
BUG-000108709	Using the operator in the first layer of a query in a WFS:getFeature request causes an exception in the response
BUG-000109069	Hot Spot Analysis in Portal for ArcGIS fails if the value for "Find Clusters of high and low" field is "Point Counts" and the Operating System is Polish.
BUG-000109072	Using the Spatial Analyst Int tool in Raster Calculator creates an output raster where NoData becomes 0
BUG-000109244	The arcpy.RegisterWithGeodatabase_management function misregisters views as type "Point" for multipoint Geometry Hot fix for Register with Geodatabase, this ensures that the Python and GUI execution of the tool runs the same.
BUG-000109706	Remove the requirement to enable SSL 3.0 on ArcGIS Server machines that host scene layers.
BUG-000109851	Euclidean Distance is producing incorrect results when the input is in degrees and the output coordinate system is projected
ENH-000103395	The Z coordinate is not affected properly and is left unchanged when performing coordinate transformations using the ProjectEx methods in ArcObjects.
ENH-000105287	In the Add Raster to GeoPackage tool, change NSGPROFILE to NSG Profile World Mercator.
ENH-000105288	Please add support for an NSG Profile WGS84 Geographic tiling scheme for the Add Raster to GeoPackage tool.
ENH-000106130	Provide a functionality for the 'Name' text field in a network analysis layer to have a field length limit of '255' instead of '128'.
ENH-000108641	An ExecuteWarning or ExecuteError exception class should be raised when using the CreateCompositeAddressLocator function in a Python script and one of the participating locators has a name longer than 14 characters.
NIM087261	[L10N] Invalid Korean annotation text displayed in annotation construction text window



## ArcGIS Enterprise

### ArcGIS Data Store

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BUG-000102888	ArcGIS Data Store configuration fails if the ArcGIS Server machine's hostname is 'arcgis'.
BUG-000108889	Upgrade fails on AWS when both primary and standby tile cache data stores are configured.
BUG-000109900	ArcGIS Data Store backups fail to restore if the backup location is set to an NFS or UNC share.
BUG-000110837	ArcGIS Server license should be automatically updated in the relational data store during the upgrade process.
ENH-000108159	Improve integrity of the spatiotemporal big data store upon upgrade.
ENH-000110836	Support enabling and disabling encryption for tile cache data stores.
ENH-000110838	Enable backups to be stored in S3 on AWS and Azure Blob storage for the spatiotemporal big data store.

### ArcGIS Web Adaptor

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ENH-000110839	When attempting to configure the same ArcGIS Web Adaptor for both ArcGIS Server and Portal for ArcGIS, which is not supported, show a Warning message.
ENH-000110840	When configuring the ArcGIS Web Adaptor for the ArcGIS Server, set "Enable administrative access to your site through the Web Adaptor" to be enabled by default.

### ArcGIS Web AppBuilder

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BUG-000096211	A blank table is displayed when the output of a geoprocessing service is a table in Web AppBuilder.
BUG-000099369	Web AppBuilder for ArcGIS does not allow zero as a Default Value for Double or Long Variables set as Model Parameters.
BUG-000101074	Filters applied to a layer using the Summary widget are not removed when the Summary widget is closed.





BUG-000101456	A Web AppBuilder for ArcGIS application hosted on a web server other than the Portal for ArcGIS machine fails to display the feature layers after 30 minutes of idle time when Portal for ArcGIS is secured with Integrated Windows Authentication (IWA).
BUG-000101499	The Query widget in Web AppBuilder for ArcGIS does not honor numeric field display properties, which results in the Query widget displaying the comma separator for large integer numbers, while the same numbers displayed in the attribute table and pop-up do not display the comma separator.
BUG-000105007	Edits cannot be made when using the Smart Editor widget if a map service is used in the same map as the feature service.
BUG-000105012	Search Widget in Web App Builder returns wrong location due to rounding geometry result to nearest whole number.
BUG-000105062	The Add Data widget in Web App Builder Developer version 2.5 does not work with zipped shapefiles when using Portal for ArcGIS 10.5.1.
BUG-000107004	Error when running Extract Data Task in Web App Builder for Portal for ArcGIS 10.5.1, only in Internet Explorer.
BUG-000107461	Third party map tiles are not showing in Basemap Gallery widget in Portal for ArcGIS Web AppBuilder 10.5.1.
BUG-000108341	Dynamic layer error 400 when added as an item to ArcGIS Online and used with a unique filter in Web AppBuilder for ArcGIS.
BUG-000108364	An error is returned while uploading a CSV file from the Add Data widget in Web AppBuilder for ArcGIS (Developer Edition) 2.4 configured with Portal for ArcGIS.
BUG-000108467	Utilizing the Add Data widget in Web AppBuilder for ArcGIS to add a KML layer fails to add any data.

## Caching

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BUG-000103554	Cached services using a cloud store as the cache directory fail in the Export Map operation and WMS calls.
BUG-000105030	Map cache creation fails for certain tiles and scales due to CachingTools crashing when specific data is sourced from an Oracle RDBMS.
BUG-000110771	Exporting cache tiles as TPK or cache dataset fails for services published from ArcGIS Pro.

## Documentation

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BUG-000102524	The ArcGIS REST API documentation states the wrong URL on the 'Administering ArcGIS Online hosted services' page.
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BUG-000103988	Portal for ArcGIS documentation for standard feature analysis does not address the ArcGIS Server feature limitation.
BUG-000104475	Document License Manager compatibility for ArcGIS Pro named user licensing with Portal for ArcGIS.
BUG-000106292	Portal documentation for adding a CSV file to Map Viewer gives contradictory information about supported date formats.
BUG-000108176	Update the documentation to clarify the recommended workflows for configuring a locator as the geocoding utility service.

## Enterprise Geodatabase

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BUG-000087433	Increasing the field length of string data causes the field type VARCHAR2 to be changed to NVARCHAR2 when the DBTUNE parameter UNICODE_STRING is set to FALSE.
BUG-000092989	Creating a full-text index on a feature class in a PostgreSQL database removes all the existing indexes from the user interface in ArcGIS for Desktop.
BUG-000093379	A join fails for point feature classes in Informix and no record is returned.
BUG-000094243	The full export of the Oracle Data Pump causes the Data Pump Import utility (impdp) to fail with the error, "error: ORA-01400" for ST domain indexes.
BUG-000101285	ArcGIS for Server 10.4.1 is unable to handle or differentiate two SAP HANA database connections made with identical usernames.
BUG-000101869	Inserting records using SQL with an exponential value returns the following error message, "ESRI: error generating shape [-1]:The database encountered an internal error."
BUG-000104225	The session-based log file causes the reconciliation to hang with one particular SQL Server geodatabase.
BUG-000104545	Representation drawing / query performance is substantially slower at ArcGIS Desktop 10.4.1 and 10.5 compared to 10.3.1 for data stored in SQL Server databases.
BUG-000104745	The Register with Geodatabase tool fails in a database view if it contains null geometry.
BUG-000104852	Shape_length column computes to 0 on polygon features in PostGIS 2.0+ geodatabases.
BUG-000104910	The Upgrade Spatial Reference tool fails to upgrade st_geometry from Low (Basic) precision to High precision
BUG-000105030	Map cache creation fails for certain tiles and scales due to CachingTools crashing when specific data is sourced from an Oracle RDBMS.



BUG-000105319	Selecting over 10,000 features and opening attribute table for registered database view returns a warning message, "There was an error reading the table selection. Clear selection to correct. ODBC Driver Manager Invalid cursor state."
BUG-000105834	Segmentation fault encountered after running st_intersection query on WKB geometry in Oracle ST_Geometry.
BUG-000106094	PostgreSQL : For non-point type, fix issues with coordinate reference cache corruption.
BUG-000106321	Enabling archiving on SQLServer feature classes created prior to 10.5 causes "Attribute Column Not Found" error when saving edits.
BUG-000106582	Database Connection Fails to a Field Case Sensitive Database in ArcMap
BUG-000106595	ArcGIS Pro 2.0 and 10.5.1 Desktop require explicit object level select privileges for users to view SQL Server geodatabase data in the Catalog tree.
BUG-000107904	Insufficient permissions creating a new feature class in a feature dataset or deleting an existing feature class as the data owner in ArcGIS Desktop 10.5 and 10.6 with an Oracle database
BUG-000107978	ST_Geometry for Oracle: Inserting records using SQL with an exponential value returns the following error message, "ORA-20004: Error generating shape from text: Invalid text used to construct geometry (-1)."
BUG-000108132	Sort arrays should not be sent with spatial filter shapes from client side to server side
BUG-000108162	Geodatabase upgrade fails to utilize DATA_DICTIONARY keyword.
BUG-000108435	SDO_Geometry multipoint non-registered views are created and interpreted as point geometry type under view properties.
BUG-000108546	Curve feature converted to densified line segment from arc in SQL Server Geodatabase after geodatabase compress
BUG-000109432	Encountering an error while trying to update/modify a feature in a versioned 'PG_Geography' feature class.
ENH-000082345	The EXTRACTVALUE function is deprecated starting with Oracle 11.2 but is still called in sample code in the documentation
ENH-000101190	Certify ArcGIS Geodatabase for SQL Server on Linux.
ENH-000102883	Offer compatibility for SQL Server geodatabase direct connections from Linux environments utilizing ArcGIS for Server / python.
ENH-000104304	Documentation on creating a read-only feature service from a view contains conflicting statements
NIM069062	The ST_BUFFER function fails, with a "too many points" error on multipart polygons containing a large number of points/vertices.
NIM087369	Cannot import a certain feature class into an ArcSDE geodatabase using the PG_GEOMETRY or SDO_GEOMETRY spatial type.



NIM092770	When creating a new feature class at an ArcSDE geodatabase in SQL Server, the feature class spatial reference identifier (SRID) displays as 0 at the feature class Properties window.
NIM096334	For specific data, archiving a large feature class fails in a PostgreSQL geodatabase with incomplete SQL State error
NIM099760	Unable to create versioned views in PostgreSQL if a versioned feature class has more than 100 fields.

## Feature Services

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BUG-000100938	Hosted feature layers created from a CSV file in Portal for ArcGIS do not honor data type changes.
BUG-000102910	In the Map Viewer, feature service fields with attribute values outside of a domain are incorrectly shown as blank in the table view.
BUG-000105602	Query for date fields fails with an error, "Database error has occurred" for a Spatiotemporal Big Data Store feature service.
BUG-000108261	Copy to Data Store fails for some datasets with ERROR 120104: Failed to execute CopyToDataStore. Please contact your administrator with job ID...
BUG-000109576	Add support for upper and lower SQL functions on query with spatiotemporal based hosted feature service.
BUG-000110801	Syncing with dataformat = json errors with "Failed to serialize delta gdb to JSON."
BUG-000110804	Unable to delete polygon + line features stored in Spatiotemporal Big Data Store.
ENH-000110800	Allow adding an attachment when the service has only the create capability.
ENH-000110829	Support publishing a hosted feature layer from a Microsoft Excel file.
ENH-000110830	Support exporting a hosted feature layer to a Microsoft Excel file.
ENH-000110831	Provide the ability to create Views from hosted feature services.

## GeoAnalytics

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BUG-000104897	Manifest changes are not correctly saved through ArcGIS Server Manager.
BUG-000106367	Failure to correctly use Oracle based feature services.



BUG-000106408	GeoAnalytics tools fails with error "unable to initialize distributed compute platform". Status of Synchronization platform service is stopped or unavailable.
BUG-000106751	If the ArcGIS GeoAnalytics Server Program Files are installed on any drive but the C drive in Windows (specifically any drive without NTFS 8.3 Name creation enabled), GeoAnalytics will fail in Portal.
BUG-000107477	GeoAnalytics: Join Features fails on polygon to polygon joins with certain polygons.
BUG-000109544	ArcGIS GIS Server 10.5.1 Standard Overlay Layers analysis Tool fails with input line features that are results from the Join Features task of GeoAnalytics Tools of ArcGIS GeoAnalytics Server 10.5.1.
ENH-000110815	Include a new Calculate Field tool in the GeoAnalytics toolset.
ENH-000110817	Include a new Detect Incidents tool in the GeoAnalytics toolset.

## GeoPlanner

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BUG-000110844	In the "Create Project" dialog, "Details" button text doesn't fit on item card in Russian locale.
BUG-000110846	The string "value" in Constants dialog window isn't localized for Greek locale.

## GIS Server

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BUG-000096408	Publishing a route event layer in ArcGIS Server 10.4 fails with the error, "ERROR 001487: Failed to update the published service with the server-side data location."
BUG-000098149	The 'manageservice' admin utility returns a Unicode error when the service name contains a French character.
BUG-000100260	When a geoprocessing service references a feature class in an enterprise geodatabase that is registered with ArcGIS Server, the geoprocessing service fails with the following message: "ERROR 000732: Input Features...does not exist or is not supported."
BUG-000102379	Changes to service directory for ArcGIS GIS Server are not honored when viewing stream service in REST
BUG-000107826	In ArcGIS GIS Server, updating the 'description' value of the iteminfo for a published service where the description contains hyperlinks causes the hyperlinks to point to the REST endpoint of the service rather than the intended URL
BUG-000108026	The NAServer retrieveTravelModes operation fails on a federated server setup with all the routing services if the NAServer service is shared with everyone.



BUG-000108257	The ArcGIS Enterprise disaster recovery and replication workflow replaces certificates in the standby environment with certificates from the primary environment, causing ArcGIS GeoEvent Server to fail to start.
BUG-000108266	The ArcGIS GIS Server Export Site operation fails when a map service has a corrupt or missing uploaded item information file.
BUG-000108356	NAServer routing services do not support the startTime parameter when the impedance is based on a distance attribute.
BUG-000109345	The web socket URL for a secured stream service published to ArcGIS Server that uses portal tier authentication can still be accessed without providing credentials, resulting in an unsecured web socket.
BUG-000110794	Typo in error message when licenses do not match during a Join Site operation.
BUG-000110796	A Publisher who is part of the [federated server name]_Administrators group is not able to publish GP services to ArcGIS Server.
ENH-000094155	During the configuration of ArcGIS Server, either when creating a new site or joining an existing site, allow the configuration to specify the Fully Qualified Domain Name (FQDN) that an ArcGIS Server machine will bind to.
ENH-000108343	In ArcGIS Server, add the ability to limit the size of the service.log and service_error.log files in [install path]/server/framework/etc folder.
ENH-000110795	Add ability to configure HTTP Proxy settings from ArcGIS Server Administrative API.
ENH-000110819	Support creating locator views from the Esri World Geocoding Service.
NIM104166	Provide the ability to set the max-age value for requests for URLs from ArcGIS Server.

## Home Application

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BUG-000089342	The ability for users to create an account is exposed on the Groups and Sign In page, if an incorrect username or password is provided, when the ability to create built-in portal accounts is disabled.
BUG-000089433	When a web map contains sublayers of a map service, those sublayers are not able to be toggled when included in a presentation.
BUG-000096375	Interpolate Points analysis tool fails when the ArcGIS for Server hosting server is authorized with a Standard (Enterprise) license.



BUG-000097124	The option, 'Share the Esri default basemaps to this group when you click Save', does not function in the Basemap Gallery setting for an organization.
BUG-000097937	In the Map Viewer, when searching by layer, coded value domain descriptions do not persist in pop-ups.
BUG-000099071	Provide the ability to publish .json files as hosted feature services to Portal for ArcGIS.
BUG-000099868	When querying a secured ArcGIS Map Service from the REST endpoint the user is redirected to an invalid URL.
BUG-000100683	In the Map Viewer, when searching for layers in ArcGIS Online, without defining a map extent, scrolling the results returns an error.
BUG-000102296	User defined time settings on a time-enabled layer are not saved in a web map.
BUG-000102473	Attribute table does not display for tables with two subtypes when one is a domain subtype related to a feature class layer by a relationship class.
BUG-000102604	Unable to update multiple location fields when publishing a CSV item containing latitude/longitude data.
BUG-000102679	Symbol rotation is not retained when printing a web map.
BUG-000103246	Tiles for a hosted tile layer from ArcGIS Online are not visible in Portal for ArcGIS map viewer if the tile layer is added as an item with stored credentials.
BUG-000103438	The Esri World Geocoder provides duplicate, incorrect addresses when 'Show More Results' is clicked in resulting address pop-ups in Map Viewer and Web AppBuilder applications.
BUG-000103456	Incorrect total population calculations after using Enrich Layer on a Create Drive-Time Areas analysis result layer.
BUG-000103662	Google Chrome and Mozilla Firefox web browsers run out of memory when interacting with a large vector tile layer in the Map Viewer.
BUG-000103868	The Connect Origins to Destinations analysis tool generates an output with incorrect or missing attributes.
BUG-000104317	Custom roles with no administrative privileges over members are still brought to the My Organization page after logging in, with the error "You do not have permissions to access this resource", instead of being brought to the home page, after the "restrictOrganizationPageToAdmin" parameter has been set to "true".
BUG-000104803	Map services containing related layers originating from feature classes do not display related records in the Map Viewer data table.
BUG-000104949	WGS84 basemaps do not draw on the Item Details set extent dialog.
BUG-000105311	When adding a KML file containing two identical styles, the icon for the first style is replaced with the Esri default push pin icon.



BUG-000105365	Layers symbolized with the Heat Map drawing style persist in the print output when deselected from the table of contents in Map Viewer.
BUG-000105990	When symbolizing based on a custom Arcade expression, with unique values, the print task errors out.
BUG-000106734	It is not possible to create a web app from the item details page of a web map in Portal for ArcGIS using Internet Explorer.
BUG-000106874	In a web map, attachments are not preserved in the popup when using the search by layer functionality.
BUG-000106909	In the Map Viewer, filtering a map service layer does not filter the attribute table in a web map.
BUG-000106917	Portal for ArcGIS 10.5.1 does not load the Bing Roads Base Map when HTTPS only is enabled.
BUG-000106991	With the default basemap set to a map containing a custom vector tile layer, when creating a new web map the Map Viewer will fail to display the basemap and be unresponsive.
BUG-000107011	Find Nearest analysis tool output does not contain all attributes for the specified Drive Time range.
BUG-000107216	In ArcGIS Online Map Viewer, the Group button for expressions in Analysis tab become not active or selectable if selecting an expression from the bottom of the pane and using 'Shift+Click' to select expressions above it.
BUG-000107407	Create and Manage Label does not work in Portal for ArcGIS 10.5.1 Map Viewer for ArcGIS Server 10.5.1 Map Services.
BUG-000107520	Provide the option to not share collaborated content by reference, when the content cannot be shared to the collaboration as a copy.
BUG-000107869	Extent specified in item details setting 'Set Extent' is not honored in Map Viewer for WMTS layers.
BUG-000107898	Unable to add a custom banner to Portal for ArcGIS 10.5.1.
BUG-000108153	Allow the maxTokenExpirationMinutes parameter to serve as both the default and max token expiration times for both the sharing/generateToken and oauth2/signin requests.
BUG-000108308	Unable to export hosted tile layers from Portal when published from ArcGIS Pro.
BUG-000108961	Standard Overlay Layers analysis tool will fail when the input layer contains line features and is an analysis result layer from the GeoAnalytics Join Features analysis tool.
BUG-000109517	In the Map Viewer, unable to create labels on a map service published from map document with the 'Allow assignment of unique numeric IDs for map service publishing' setting specified.
BUG-000110809	Unable to run the Choose Best Facility analysis tool when Portal for ArcGIS is configured to use a custom network utility service.
ENH-000090864	Provide the ability for a Portal administrator to disable Esri content which requires external access to the internet.
ENH-000095200	In Map Viewer, provide the ability to persist start and end time animation dates.





ENH-000101719	Provide the ability to add an ArcGIS Server with a non-generic domain as Trusted Server.
ENH-000102676	List the Portal for ArcGIS named user expiration date(s) on the Organization page for Administrators.
ENH-000103842	Provide the ability, in the Portal for ArcGIS Organization Settings page, to create new portal accounts through the portal sign-up page.
ENH-000104115	Allow Portal for ArcGIS organizations to configure user groups based on SAML claims attributes rather than relying only on a direct connection to an Active Directory/LDAP server
ENH-000106670	Add the ability to change the username and password or PKI certificate used to communicate during distributed collaboration.
ENH-000107634	Provide custom roles the ability to choose administrative privileges to manage one group in Portal for ArcGIS.
ENH-000110806	When performing Feature Analysis, provide the ability to geocode locations from table.
ENH-000110807	Include support for a new publishing privilege to grant the ability to publish server-based layers.
ENH-000110808	Provide the ability for a collaboration administrator to set a content deletion policy which determines how shared content is maintained when leaving a workspace or collaboration.
ENH-000110810	Support the clustering of point features in Map Viewer to visually extract meaningful information from your data.
ENH-000110811	Provide the ability to set a refresh interval for image pop-up media in the Map Viewer.
ENH-000110813	Provide the ability for a Portal administrator to make web apps readily available to members by adding the web apps to an app launcher.
ENH-000110814	Provide a user experience for registering premium application entitlements through the Portal Home Application
ENH-000110816	Support custom Web Tools from the Analysis pane in Map Viewer.
ENH-000110820	Provide support for group membership managed by a SAML Identity Provider.
ENH-000110821	Allow Raster Function Templates in JSON format to be added as an item to Portal for ArcGIS.
ENH-000110822	Through a Collaboration, allow ArcGIS Enterprise to ArcGIS Enterprise sharing of hosted feature services as copies.
ENH-000110823	Provide a user experience for a Collaboration Admin to view the status of sync events.
ENH-000110824	Include support for a new publishing privilege to grant the ability to publish web tools.
ENH-000110826	From the Data tab of a hosted feature layer item page allow owners to add, calculate and delete fields.
ENH-000110827	Provide support for a Portal administrator to configure the Basemap Gallery to use Esri vector basemaps.



ENH-000110828	Enhance pop-ups to support defining and using attribute expressions written in Arcade.
ENH-000110832	Enhance the user experience for accessing content with a new layout intended to improve workflows.
NIM103808	The time does not display within a Portal for ArcGIS table when a feature is added that includes a date and time field.

## Installation

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BUG-000106149	Upgrading Portal for ArcGIS 10.5 to 10.5.1 fails if Survey123.arcgis.com was previously registered with the portal.
BUG-000106847	The error "There was a problem assigning the license for <username>" is returned when attempting to assign a license to a user after upgrading to ArcGIS Enterprise 10.5 which is configured with the following licenses: Insights for ArcGIS, Navigator for ArcGIS, GeoPlanner for ArcGIS, Drone2Map for ArcGIS to ArcGIS Enterprise 10.5.1.
BUG-000107411	Unable to add resources to an item in Portal for ArcGIS when upgrading ArcGIS Enterprise from 10.5 to 10.5.1.
BUG-000110793	ArcGIS Enterprise Builder configuration page fails to load after installation on machines with leftover files from a previous install of ArcGIS Enterprise.
ENH-000107650	Portal fails to upgrade and rolls back due to a connection time out.

## Image Services

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BUG-000099179	Changing the 'maxSampleCount' of an image service from a mosaic dataset at the REST endpoint does not affect the number of results returned by the 'Get Samples' operation.
BUG-000099566	The Compute Statistics Histograms REST operation for an image service is not able to parse donut polygon geometry correctly.
BUG-000107774	Setting the 'Description' value for an image service in the 'Item Description' settings sets the value to both 'Service Description' and 'Description' on the REST endpoint of the service.
BUG-000107881	Unable to publish a mosaic dataset as an Image Service without using data owner credentials. When publishing an Image Service the name of the mosaic dataset reference changes to the user who published the service. The service is created but will not start because of the incorrect dataset name.



## Linux

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BUG-000103461	The multiprocessing Python module does not work as expected in ArcGIS GIS Server on Linux.
BUG-000105235	Unable to register a SAP Hana connection with ArcGIS Server on Linux when publishing a feature service.
BUG-000106919	The MAP_ONLY output for the default print service in ArcGIS Server (Linux) returns Windings font unless a font package that is not documented is installed.

## Living Atlas

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BUG-000108004	The “Esri Featured Content” tab is visible with no content in the Portal for ArcGIS Gallery when Living Atlas is disabled and a Region setting is applied.
BUG-000110797	Living Atlas layers and web maps fail to open in ArcGIS Desktop from the item details page.
ENH-000110798	ArcGIS Online organizational account credentials that configure Living Atlas subscriber or premium content are validated each time when an administrator accesses My Organization > Edit Settings > ArcGIS Online.

## Manager

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BUG-000099496	In ArcGIS Server Manager, map services hang at the 'starting' state when there are many requests generated while the service is starting.
BUG-000100734	Undefined hover-over message shown for folder checkboxes on new statistic reports when 'Service Maximum Running Instances' is selected
BUG-000101518	In Chrome versions 55.x and newer, unable to select services or folders from the table of contents when creating or editing Usage Reports on the Statistics page
BUG-000106097	Update Manager and proxy to support SNI in HTTPS requests
BUG-000110843	In 10.5.1 Manager, the style selector 'Close' button is not translated within statistics reports.
ENH-000110842	Add Amazon cloud store using IAM and Azure cloud store as big data file share options in Manager.



## Map Services

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BUG-000097622	When publishing an RGBI four band raster as a map service with web coverage service (WCS) enabled, and consuming the WCS service versions 1.1.0, 1.1.1, and 1.1.2 in ArcGIS for Desktop 10.4, the image is not visible unless the Alpha Channel is activated and the image returned is of poor quality.
BUG-000100530	A map service published from a query layer fails to display and query when the database connection is registered over OS authentication.
BUG-000105823	With Standardized Queries disabled, ArcGIS Server queries the database incorrectly if the map service query's Output Statistics value refers to two field names in which one field name contains the entire name of the other field.
BUG-000106939	A map service published with a label expression using the Mid() function displays incorrect labels when viewed from ArcGIS Server's Rest JavaScript API.
BUG-000108436	MapService loses timeExtent information on a mosaic layer when the data source is a PostgreSQL EGDB.

## OGC Services

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BUG-000096988	When setting the 10.2.2 WMS info_format to application/geojson of the GetFeatureInfo, the returned result is sending back the <?XML tag at the beginning of the response and then the JSON.
BUG-000108365	An XML POST request of a Web Feature Service (WFS) service is not accepted if PropertyName is used.
NIM094562	When submitting a GetMap request to a Web Map Service (WMS) service based on a cached map service, if there are no tiles in the extent of the GetMap request, the WMS service draws dynamically and an error is recorded in the ArcGIS for Server log file.

## Printing Services

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BUG-000095153	Unable to print feature service layers shared with everyone in a federated ArcGIS Enterprise environment secured with Integrated Windows Authentication (IWA).
BUG-000103341	PrintingTools service does not display shapefiles during printing or when creating Portal thumbnails when Z-values are included.



BUG-000103478	Unable to print from the Map Viewer if the web map contains the Bing Road Basemap.
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## Scene Viewer and 3D

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BUG-000105886	A scene service is successfully shared to Portal for ArcGIS without any errors, though it is noticeably corrupt in the scene viewer.
BUG-000107046	Attempting to publish a scene layer package (.spk) to Portal for ArcGIS 10.5 or 10.5.1, causes an error if the scene layer package is larger than 4 GB in a Linux environment.
ENH-000110805	Provide the ability for Administrators to configure a Web Style group for use in the Scene Viewer symbol gallery.
ENH-000110818	Support rebuilding hosted scene layer caches.
ENH-000110836	Support enabling and disabling encryption for tile cache data stores.

## Security

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BUG-000093484	ArcGIS for Server fails to connect to a domain controller using Internet Protocol version 6 (IPv6).
BUG-000105202	When accessing a secured service in Portal with saved credentials, the proxied generate token request does not honor the nonProxyHosts parameter.
BUG-000105458	ArcGIS Server does not honor the 'domainControllerAddress' setting in the security configuration.
BUG-000105524	Add support to return ssl certificate information in the JSON format to allow certificate management using the ArcGIS API for Python
BUG-000105605	Serverscan.py returns inaccurate results when checking if dynamic workspaces are configured for map services.
BUG-000106301	Accessing secured map services through web-tier authentication with the ASP.NET identity store causes extended delays in response time on a regular basis.
BUG-000107612	Group invitation notifications do not clear even though the member is added to the Group without requiring a confirmation.
ENH-000110799	Allow users to specify multiple domain controller IP addresses in the security configuration.



## Templates

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BUG-000095653	Adding a feature to a hosted feature service in the Crowdsourcing Reporter application does not add a default value if that field is disabled for editing.
BUG-000095990	When the Story Map Tour application is translated into French and viewed on a mobile device, 'Element multimédia' on the right overlaps with 'Carte' in the center.
BUG-000099330	Users cannot scroll to the bottom of the Media tab when using the Story Map Tour web application template on Android devices.
BUG-000101689	Attribute fields that are subtype dependent with a domain applied do not display when editing in the Crowdsourcing Manager web app unless all fields in the feature layer are selected to be editable.
BUG-000101717	The Swipe widget in the Public Information template of ArcGIS Online fails to appear for raster layers in a map service published to ArcGIS Server 10.5.
BUG-000104147	In the Crowdsourcing Reporter app, the option to restrict report submission to a specific geography is not honored if the location is picked from a searched address.
BUG-000105122	The Crowdsourcing Manager does not zoom to or select data in the map preview that does not have an ObjectID field.
BUG-000105248	When the Basic Viewer template is opened for the first time, clicking the Search box to expand the box does not allow text entry roughly 50% of the time for Android users
BUG-000105792	The Information Lookup application displays the coded value instead of the domain description in the pop-ups of map services.
BUG-000106163	When using the Citizen Problem Reporter template in ArcGIS Online, if a custom geocoding service is used, and a point is clicked on the map, the address of the location does not get populated in the specified field.
BUG-000106290	The Information Lookup application template does not read the ArcGIS Arcade attribute expressions.
BUG-000106308	Result from the Search tool in Edit template does not zoom to the layer.
BUG-000106890	Images can keep being uploaded onto the upload window of the Story Map Series application in ArcGIS Online but only 50 images are visible.
BUG-000106920	Accessing the Story Map Journal with an ArcGIS Online default publisher role causes an infinite loop trying to authenticate access to the application if the web application contains a vector tile layer (custom style) and all associated data is only shared with a group.
BUG-000107441	Unable to authorize Twitter credentials to access tweets in the Public Information web application.
BUG-000107464	The 'Display basemap in grayscale' function does not work in the Direction application in ArcGIS Online.



BUG-000107640	In the Story Map Tour web app template of ArcGIS Online, the Danish translation of 'Select or Drop Picture' in Danish 'Vælg eller slip billede' is incorrectly translated as 'Select or Delete Picture' - 'Vælg eller slet billed'.
BUG-000108250	In the Crowdsourcing Reporter application, the reporting period closed window title does not work with the Japanese language.
BUG-000108646	Google Analytics cookies are stored in the browser without prompting the user for warning when loading a GeoForm app in ArcGIS Online.
ENH-000110833	Add an optional splash screen to Map Tools.
ENH-000110834	Details and Search buttons are missing accessibility features in Map Tools.
ENH-000110835	Add support for shared themes in Information Lookup.

## ArcGIS Data Reviewer

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BUG-000099410	The Symbolize Reviewer Feature Records button fails with non-database owner connections to an enterprise geodatabase.
BUG-000107677	Validation performance of the Run Reviewer Batch Job custom step is slower than similar validation completed using Batch Validate tool.
BUG-000108722	Table to Table Attribute check fails with error message in Dutch environment.
ENH-000103719	Notepad tools do not create results with error geometries when map's spatial reference differs from the Reviewer results dataset.
TFS101477	Validation performance decreases when a batch job contains a large number of Composite checks.
TFS102185	The property is not set error may be encountered when validating shapefiles using the Geometry on Geometry check.
TFS104003	Find Dangles check returns processing error when validating features stored using Oracle SDO geometry.
TFS104672	Monotonicity check does not detect non-monotonic features in GCS WGS84 vertical coordinate system.
TFS104845	Orphan check returns processing error when validating features stored using Oracle SDO geometry.
TFS105078	Monotonicity check does not honor Z tolerance when features are evaluated for monotonicity.

## ArcGIS Workflow Manager

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BUG-000105811	Slow performance when creating jobs with large workflow diagrams.
BUG-000107364	Update Task Assistant Manager install path in the Wizard.
BUG-000107567	Execution button is disabled for a step that cannot be skipped in the Javascript Viewer.
TFS53870	Sample OverdueJobsNotification is missing a config file.
TFS54224	Launch Arcmap is returning an Alternative MXD error.
TFS54632	Unable to run Launch URL or open the file step types in the Javascript viewer.
TFS55123	Create Jobs GP Tool fails when End Date is before Start Date in a Job Type.
TFS55069	Open map URL with the token [AOI:Envelope] does not open map for job without an area of interest defined.

## GeoEvent Server

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BUG-000098518	When restarting the ArcGIS GeoEvent Windows service, output connectors do not start before the input connectors and GeoEvent Services, resulting in a loss of data.
BUG-000106392	The WebSocket URL for a secured stream service published to ArcGIS Server that uses Portal tier authentication can still be accessed without providing credentials, resulting in an unsecured WebSocket.
BUG-000107481	Custom connector configurations are duplicated when GeoEvent Server's Windows service is restarted.
BUG-000107680	The geoevent.service file provided for Systemd startup on RHEL deployments does not set nproc and nfile limits.
BUG-000107932	The GeoJSON adapter is substituting literal values null and zero when an attribute value is NULL.
BUG-000107933	The GeoJSON adapter is substituting literal values null and zero when an attribute value is NULL.
ENH-000103309	Allow the user to filter based on an area when using the Poll an ArcGIS Server for Features Input Connector.
ENH-000104842	Provide a link to the Spatiotemporal Big Data Store tutorial from the managing spatiotemporal big data stores topic in the documentation.
ENH-000106105	Update the documentation on publishing a stream service to reflect stream services can be published to a server or portal other than the one registered as the default in GeoEvent Server.