



## ArcGIS 10.5 Issues Addressed List

ArcGIS Desktop (Also Contains ArcGIS Engine)

ArcGIS Enterprise

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## ArcGIS Desktop

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BUG-000081678	The Append tool returns the error 000372 when using the NO_TEST option if the user has a 'db_owner' role and is not the data owner of the target dataset.
BUG-000081915	Unable to unregister a replica with more than 1000 feature classes.
BUG-000081968	Curves are not retained in an ArcGIS for Server Keyhole Markup Language (KML) service when viewed in Google Earth.
BUG-000082145	The Optimized Hot Spot Analysis tool should provide a density check before running the nearest neighbor analysis. If the data is too dense, skip the nearest neighbor calculation to improve tool performance.
BUG-000082159	The Simplify Polygon tool causes the application to stop responding when processing the data using the RESOLVE_ERRORS option.
BUG-000082227	The Split tool does not produce all the output feature classes if the records in the Split Field contain spaces.
BUG-000082643	The Data Interoperability Quick Import tool fails to import AutoCAD DWG to a file geodatabase.
BUG-000082731	When converting a geodatabase feature class to the MapInfo MIF/MID format using ArcGIS Data Interoperability, the text field lengths are all changed to 254 characters instead of retaining the original length.
BUG-000082931	There is improper syntax in the code sample for the CAD to Geodatabase (Conversion) tool.
BUG-000083059	Calculating cell size ranges for large SDE mosaic datasets is very slow.
BUG-000083076	Stacked labels place as unstacked when the never remove placement parameter forces placement.
BUG-000083121	The KML To Layer tool imports symbology incorrectly when 'Relative to Ground' is used in Google Earth.
BUG-000083685	The Polygon to Raster tool and the Polyline to Raster tool produce incorrect outputs when the input has negative numbers greater than six digits.
BUG-000083722	The Data Interoperability Quick Export to GML format fails with a fme_datetime error.
BUG-000083821	In the License Server Administrator, 'Named User' is not localized in the Version drop-down for authorizing.
BUG-000085120	Address locators using the Single House Subaddress style do not provide a 100 match score when searching for addresses with a forward slash in the SubAddr Unit or the Building Unit field.
BUG-000085153	The search envelope specified in the Data Interoperability connection parameters is not obeyed in the geography.
BUG-000085361	Hard-coded string in the drop-down lists of the Mosaic Dataset Properties dialog box.
BUG-000086045	Multiple candidates are returned when searching for an address containing a direction in the street name when using a locator with an alternate name table.



BUG-000086649	There are hard-coded strings in the export process dialog box when exporting feature data.
BUG-000086980	An address locator created with the US Address - Single House style does not standardize the Utah street name (W 100 S) correctly.
BUG-000087220	ArcGIS 10.4: Update factory to the latest EPSG database version.
BUG-000087261	The Simplify Line tool takes too long to complete when the 'Resolve Topology Errors' option is checked.
BUG-000087293	Changing layer.symbology.classBreakValues or layer.symbology.numClasses clears the symbology outline and fill.
BUG-000087728	The Data Interoperability extension returns the error, "Unable to fetch the capabilities document" with a WFS service (https).
BUG-000088358	Enhance the 'Register with Geodatabase' tool to allow user input of parameters such as objectid, shape, geometry type, coordinate system, and extent.
BUG-000088870	The Data Interoperability extension 10.3.1 crashes when trying to create or edit the Spatial ETL tool with the computer system locale set to Korean (Korea).
BUG-000088879	The Check Parcel Fabric command identifies short segments, however there are no documentation explaining the reason.
BUG-000089101	When the workspace environment variable is set using inline variable substitution, the Eliminate tool fails with an error that it is unable to create the GPO.shp even though the workspace specified is a geodatabase.
BUG-000089171	The 'insert' method for the arcpy.Array class does not honor index values with 'None' object.
BUG-000089444	Implement buffered reading for File Geodatabase data to improve read performance.
BUG-000089660	For a table in FME Workbench, parameters are not honored when changed.
BUG-000089708	The Single House Subaddress based locator returns inconsistent match results and scoring for house units with addresses that include fractions and spaces.
BUG-000089910	When using the Spatial ETL tool from Data Interoperability in a Citrix environment, changes to the tool are not saved.
BUG-000090001	Private topology tables become visible under certain conditions.
BUG-000090088	In ArcPy, the ValidateFieldName function validates a field name beginning with a number as a valid field name for shapefile.
BUG-000090148	Data Interoperability Data Inspector is unable to add online imagery to the inspector.
BUG-000090287	ArcGIS Runtime SDK 10.2.6 for Qt is unable to install when using Turkish as the default language on the Mac OS X operating system.
BUG-000090473	A ModelBuilder raster output is added to the Table Of Contents but disappears from the map display.
BUG-000090537	Using data which contains invalid characters in the reserved CAD field "Layer" or "LyrName" as input to the Export to CAD tool causes ArcMap 10.4 to crash.



BUG-000090798	The National Imagery Transmission Format (NITF) for rasters, originating from third-party applications, display incorrectly when the NITF for ArcGIS extension is installed in ArcGIS for Desktop.
BUG-000090876	The Get Unique Values window in Select by Attribute does not show domain descriptions for data joined to a table in an ArcSDE geodatabase.
BUG-000090883	There is a broken download link in the 'Load parcel lines with COGO dimensions' help documentation page for 10.3.
BUG-000090892	The Package Map tool fails with a 999999 error if the mosaic dataset is not part of the display window if the dataset exists in the map.
BUG-000090900	The Single House Subaddress locator style has a reduced match score when the address includes an abbreviated direction prefix of E (for East).
BUG-000090948	Deleting a record in a standalone table joined to a feature class that is already joined to a different table in ArcMap causes the following error, "onDelete message to object returned failure."
BUG-000091154	Edit Raster Function and Set Mosaic Dataset Properties are incorrectly available with an ArcGIS for Desktop Basic license.
BUG-000091512	When creating a second join over a feature class, tables are not joined correctly unless the join field from the destination table is explicitly selected from the drop-down list.
BUG-000091518	The string "more" in Address Locator Properties is hard-coded.
BUG-000091817	ArcMap unable to access an ArcGIS Online feature service layer with a GUID column.
BUG-000091961	If ArcGIS Desktop 10.0 is on the same machine, CityEngine 2015.x authorization fails with the following error, "7109:Invalid activation ID: <authorization number-1000>."
BUG-000092051	Clarify in the documentation that when using the US Address—Single House Subaddress locator style, SUBADDDTYPE and SUBADDRUNIT must be used instead of BLDGTYPE and BLDGUNIT (if only one or the other is being used).
BUG-000092058	The Share As menu item to create ArcGIS Runtime Content does not generate the correct .geodatabase files for stand alone tables.
BUG-000092137	The label size is maintained when converting KMZ files to features.
BUG-000092401	The Simplify Line tool from the Cartography toolbox fails with the attached feature class.
BUG-000092416	Building pyramids using JPEG2000 compression after loading multiple JP2 images into a file geodatabase raster leads to blurry pyramids.
BUG-000092473	CAD Multipatches and CAD 3D Polygons added to a map have some of their vertex order mishandled, effectively flipping their direction.
BUG-000092569	Installing the Legacy Commercial Satellite NITF Patch changes the manner in which raster products are interpreted.
BUG-000092605	Maps that contain broken data sources create an invalid / empty tile package.
BUG-000092736	Isolated loops message invalid for adjustment data.



BUG-000092806	The Reverse Geocode tool does not recognize the Esri World Geocoding Service from the ready-to-use service in ArcMap with the Japanese language.
BUG-000092867	When adding the attached MicroStation DGN file to ArcMap, the software freezes and the installation of the program is corrupted.
BUG-000092945	The Convert Coordinate Notation tool truncates decimal degree values to four or five decimal places. This results in data that is two and a half meters away from the original data.
BUG-000092962	The Convert Coordinate Notation tool does not apply the specified geographic transformation from the Output Coordinates of the Environment Settings.
BUG-000092974	ObjectID sequence values do not reset to 1 after running the Truncate Table tool with background geoprocessing enabled.
BUG-000093066	The Dissolve Network geoprocessing tool crashes the application if the tool runs on a network that does not have directions configured.
BUG-000093071	Exporting the netCDF feature class layer excludes the records which has a negative Z Value.
BUG-000093090	When Data Interoperability is installed and a Python add-in extension is used, ArcMap crashes on startup.
BUG-000093157	The 508 Compliance testing reveals that selecting the 'Diagnose' button in the ArcGIS License Server Administrator causes visual focus to disappear.
BUG-000093191	Export creates null values in a field in the attribute table.
BUG-000093223	Setting a JPEG2000 compression with a quality of 100 when copying a raster dataset within or into an ArcSDE geodatabase using the Copy Raster geoprocessing tool or the Export Raster Data dialog box from ArcMap results in poor image quality.
BUG-000093336	The Join dialog fails to display when appending a Cadastral XML file if the fabric's visibility was turned off on first attempt.
BUG-000093422	The Feature Adjustment 'Set Date' window is missing calendar arrows.
BUG-000093533	There is no datum transformation warning when adding services to ArcMap from Portal for ArcGIS.
BUG-000093801	Spelling correction in the Create Referenced Mosaic Dataset (Data Management) Tool for ArcMap 10.3.0 and ArcMap 10.3.1.
BUG-000093818	Evaluating the QueryDef cursor against fields of type Guid or GlobalID returns "COMException The Field type is invalid or unsupported for the operation."
BUG-000093847	The Help Link in the Raster tab (in ArcMap Options dialog) disappears when toggling tabs.
BUG-000093848	The "reset the relative path" string with Mosaic Dataset in 10.4 is hard-coded.
BUG-000093849	Allow the Generate Points Along Lines tool to accept polygons as input.
BUG-000093894	The Field Calculator does not change existing values when using the Python parser outside of an edit session on a personal geodatabase with a math operator and another field name in the expression.



BUG-000093945	A network dataset does not solve correctly on large scales, if the network dataset is created using z-coordinate values from a geometry.
BUG-000094034	Support true curves (curved geometry) for polyline outputs from a geoprocessing server.
BUG-000094038	The Define Projection tool does not display the appropriate error message when an invalid input is used.
BUG-000094057	Hard-coded error message in the Image Analysis window.
BUG-000094194	Save To Layer File geoprocessing tool does not update.
BUG-000094203	A feature-linked geodatabase annotation cannot be appended from the 'Convert Labels to Annotation' dialog box.
BUG-000094231	The code generated using the Copy As Python Snippet option in the Results window returns a syntax error when the value in the expression ends with quotes.
BUG-000094284	The Export Tile Cache tool from the Data Management toolbox fails with the error, "The input dataset, file or layer is invalid" if the input tile cache is from a map service and tile package is selected as the output format.
BUG-000094286	The Export Tile Cache tool from the Data Management toolbox fails to export a cache from a cached map service which has few scales cached based on an area of interest, and the remaining scales cache is fully created.
BUG-000094301	On Windows operating systems, when ArcGIS for Server or Portal is installed after ArcGIS for Desktop, and a provisioning file (*.prvc) or authorization response file (*.respc) is double-clicked, the Software Authorization wizard crashes.
BUG-000094369	The auto registration error message is hard-coded in ArcGIS for Desktop 10.4.
BUG-000094373	There is a hard-coded string in Georeferencing Options.
BUG-000094395	Add usage tip to the Tool Reference page for Viewshed 2 on how to disable GPU in the computation.
BUG-000094403	The "Sign in" and "Cancel" buttons on the error message are not localized.
BUG-000094408	The Zonal Statistics as Table tool is missing the Variety field on the output attribute table when it is chosen as the statistics type.
BUG-000094503	For parcel fabric adjustment, bad category error messages are returned for no reason.
BUG-000094504	The query layer dialog box has a length limit of 30060 characters for Structured Query Language (SQL) statements.
BUG-000094508	Merge Divided Roads (MDR) creates disconnections for some parallel roads that connect to roundabouts.
BUG-000094510	The Simplify Building tool causes overlaps of the polygon features.
BUG-000094511	The Simplify Building tool creates self-intersections.
BUG-000094515	The drop-downs for the Tablet toolbar are truncated text for certain locales (for example, German).
BUG-000094518	Hard-coded string in raster symbology options for the Magnitude and the Direction components in localized ArcGIS 10.4.



BUG-000094533	Raster function templates generated from the Symbology tab in a function layer's properties results in an error when attempting to load the layer in ArcMap, and does not successfully render an image service in ArcGIS Online or Portal for ArcGIS.
BUG-000094561	When using Parcel Editor, joining a parcel point to a Control Point should associate the parcel point to the control point.
BUG-000094596	Geoprocessing tools return "ERROR 000732" when used with a geodatabase connected using the Add Database Server option.
BUG-000094671	The 'EstimateExportTilesSize' or 'ExportTiles' operation performed on a cached service throws a severe error 9001, "Response already committed. Cannot forward error to page" when the job status is requested. However, the job completes without issues.
BUG-000094672	The attribute table of a DGN file opens without problems in ArcMap 10.3.1, but all cell values are blank when open in ArcMap 10.4.
BUG-000094686	The topology loader does not assign the radial line correctly.
BUG-000094700	Selecting the Symbology tab in Layer Properties for a raster catalog returns the error "Attempted an unsupported operation" in ArcGIS for Desktop 10.4.
BUG-000094723	Some street addresses are incorrectly geocoded by direction from start of range in ArcGIS for Desktop 10.3.1. However, the same addresses are geocoded correctly in ArcGIS for Desktop 10.2.2.
BUG-000094736	When using Parcel Editor to open or edit parcel(s), only the lines of the open parcel(s) must be drawn.
BUG-000094797	Multiline entities from MicroStation DGN files display correctly in ArcMap at ArcGIS 10.3 for Desktop, but not at ArcGIS 10.3.1 for Desktop.
BUG-000094807	ArcMap 10.4 crashes while dragging a map document as an input to the Check Geometry tool.
BUG-000094833	L10N: The dialog boxes for changing the symbols do not display the localized Symbol Selector.
BUG-000094842	ArcGIS for Desktop 10.4 UI: Machine identifier is hard-coded.
BUG-000094870	Only the larger of the two remainders is created and the smaller portion is dropped if the new parcel prohibits the resulting two portions from sharing a vertex.
BUG-000094872	ArcMap 10.4 crashes in the Layout view when changing the scale or zoom level for map services.
BUG-000094873	IVersionedTable.Differences throws a NullReferenceException when using the esriDifferenceType.esriDifferenceTypeInsert property.
BUG-000094981	Registry settings affecting solvers must be input properties per solve to support servers that require different values per request.
BUG-000095074	Con, Set Null returns wrong result when given expression is with decimal fraction, e.g "Value" >= x.y or "Value" <= -x.y (where y !=5).
BUG-000095099	Masks created by the Intersecting Layers Masks tool are too large when the layer being masked uses line representation.
BUG-000095159	The QueryRelatedAsync method in ArcGIS Runtime SDK for .NET returns the following error, "Exception: Item not found in the database."





BUG-000095171	Resizing a legend causes the legend to disappear after changing the column count to 2 or more in ArcMap.
BUG-000095179	There is a XML resource file issue on the Consolidate Locator and Package Locator tools.
BUG-000095197	ArcMap crashes when previewing a raster from a mosaic dataset footprint attribute table if the lidar dataset is used to add rasters to a mosaic dataset.
BUG-000095221	Spatial analysis operations will fail in certain cases when the ArcGIS for Server site designated as a hosting server is installed and configured on a localized operating system.
BUG-000095238	When changing the data source of a raster catalog layer, a user-defined layer name is automatically changed to the raster catalog original name.
BUG-000095292	In the documentation of Oracle data types supported in ArcGIS 10.4, update the Data Type table and change 'Oracle data type created' from DATE to TIMESTAMP.
BUG-000095343	In the ArcPy Spatial Analyst module, the Extract By Polygon tool does not accept multiple sets of polygon coordinates.
BUG-000095431	If feature datasets in enterprise geodatabases are empty or contain no objects to view or grant permissions against, an error message must appear instead of the privileges dialogue.
BUG-000095470	When call temp.save() to save data in a file geodatabase to TIFF in Python, it gives wrong result and assigns strange values to NoData locations.
BUG-000095536	ModelBuilder partially displays or overlaps the tools and arrows when loading a model that is edited and saved in a different Region and Language settings.
BUG-000095540	In the Folders and Subfolders section of the 'Preparing layers and maps to be converted to KML' help documentation, it must include the need for a forward slash (/) in front of the initial folder location of the folder structure in the 'FolderPath' field.
BUG-000095567	When combining the Eliminate tool with an iterator and inline variables in a model, the following error is returned: "000840: the value is not a feature layer. Failed to execute (Eliminate)."
BUG-000095569	Text fields are not sorted correctly in the Show Selected Records mode of the attribute table.
BUG-000095576	Labels based on domain descriptions change to the domain code after performing a join and changing the symbology from Categories (Unique values) to Features (Single symbol).
BUG-000095577	RasterToPoint, RasterToPolygon and RasterToPolyline when run in Modelbuilder the second time appends .shp to the output featureclass name and fails to run.
BUG-000095615	When adding Level 3 (L3) and Level 4 (L3) Soil Moisture Active Passive (SMAP) HDF5 data, ArcMap returns an unexpected warning message, "..inconsistent extent..".
BUG-000095633	Extent inconsistency warning shows when a mosaic dataset and image service created from globe data are added to ArcMap.





BUG-000095646	If the input data has coincident points and the 'SNAP_NEARBY_INCIDENTS_TO_CREATE_WEIGHTED_POINTS' aggregation scheme is used for the Incident Data Aggregation Method, the Optimized Hot Spot Analysis tool returns the following error, "IndexError 0 is out of bounds for axis 0 with size 0."
BUG-000095647	Detour symbols from the Transportation style for points do not display correctly when applied to a graphic point.
BUG-000095650	Zonal tools using the FID field gives incorrect results.
BUG-000095651	The Zonal Statistics tool is crashing ArcMap and ArcCatalog when the input zone data does not have a raster attribute table.
BUG-000095717	A model containing certain tools, including any tools in the Analysis toolbox, Overlay toolset, and the Unsplit Line and Feature To Line (Data Management) tools, created in the ArcMap 10.4 toolbox and saved to a toolbox of a previous version disappears.
BUG-000095794	For the Cluster and Outliers Analysis tool, when a feature has no neighbors, the feature's value must be excluded in the global mean.
BUG-000095795	When creating the grids for a Cube structure, the spatial bias on both side of x and y must be even.
BUG-000095796	Create a new Space Time Cluster and Outlier Analysis tool.
BUG-000095799	Extend the Cluster and Outlier Analysis tool to include permutations.
BUG-000095866	The Export To CAD tool causes 203 points from a geodatabase feature class to be exported to a single location on top of each other.
BUG-000095871	Slow performance is encountered in Informix when displaying point feature classes with joins in a geodatabase.
BUG-000095875	When a layer has a join to a table in a file geodatabase or an enterprise geodatabase, attempting to publish as a map service fails and causes this warning in the ArcGIS Server logs: "The layer has an invalid join table."
BUG-000095958	The time values are read incorrectly when adding to mosaic dataset if the Network Common Data Form (netCDF) files are defined with the Julian calendar.
BUG-000095969	Unable to get expected response from findAddressCandidates of Geocode Service after installing the Hot Fix QFE-1031-DT-329653 for Desktop.
BUG-000096008	Sending the same Find request to the World Geocoding Service returns a different result every time the request is sent.
BUG-000096108	Append Parcel Fabric geoprocessing tool duplicates one parcel in the append.
BUG-000096143	Installing ArcGIS 10.4 Desktop or an ArcGIS 10.4 for Server patch will fail on a deployed instance of ArcGIS 10.4 for Server on Microsoft Azure.
BUG-000096178	The Intersect tool used with the Iterate Feature Classes iterator intersects only the first feature class when using a workspace variable as the variable substitute.
BUG-000096204	The documentation for Load A Topology To A Parcel Fabric states that unclosed lines can migrate a parcel identification number (PIN) field to the parcel fabric, however it does not work.



BUG-000096226	ArcGIS applications return a "Runtime Error R6034" when trying to load Python _ctypes.pyd or any other function tools (DLL) that load CRT9 without a manifest dependency entry.
BUG-000096290	The geographic transformation NAD_1927_To_NAD_1983_Alaska, European Petroleum Survey Group (EPSG) code 1243, no longer works in either direction.
BUG-000096459	ArcGIS Explorer 3400 shows English language when a localized language is chosen, for example Czech.
BUG-000096496	ArcGIS 10.3.1 for Desktop crashes upon closing when using the Finnish localized version (ArcGIS_Desktop_1031_fi_145703) installed on a Windows 2012 R2 operating system.
BUG-000096523	In some situations, batch geocoding a large table of addresses causes ArcMap to exit when geocoding.
BUG-000096532	ArcMap exits unexpectedly if ArcMap is closed while the Geocode Addresses geoprocessing tool is running in some situations.
BUG-000096567	An image service pointing to a compressed file geodatabase does not release memory.
BUG-000096619	Exploding a multipart parcel with curves that share a radial point does not explode correctly for radial lines.
BUG-000096665	When a vertex on a main line is moved or edited, and those edits to the main line are uncommitted, the connected/lateral lines snap to a new vertex along the main, altering the position.
BUG-000096758	The Project tool fails with a layer created by Make NetCDF Feature Layer from NetCDF data.
BUG-000096803	The Table to Table conversion tool does not support output to INFO tables contrary to the documentation.
BUG-000096816	The 'Check for Updates' tool used for software patch notification does not work and returns an 'offline' error for the 10.3 and 10.3.1 versions of ArcGIS for Server, Portal for ArcGIS, and ArcGIS Data Store.
BUG-000096864	The 'Extract Multi Values to Points' and 'Sample' tools do not support 64bit (double precision) data.
BUG-000096895	The 'EsriArcGISVersion' enumeration is missing 'esriArcGISVersion104' in the Catalog service Web Service Description Language (WSDL).
BUG-000097000	Ignore case to compare field names when syncing where the destination foreign keys use the same GUID column.
BUG-000097003	Some inserts in a delta that are part of a simple, composite, or ObjectID-based relationship class may not be imported in rare circumstances.
BUG-000097004	Include the ArcPress support for the HP DesignJet Spring 2016 printers.
BUG-000097005	The 'Extract Multi Values to Points' and 'Sample' tools fail when the input raster is a mosaic dataset.
BUG-000097022	In a US Address - Dual Ranges locator, no addresses in the right-side range from the last record in the reference data can be matched.
BUG-000097067	The Single House Subaddress address locator style handles a unit number comprised of digits and a letter inconsistently.



BUG-000097089	Incorrect user information shows in the Editor Tracking field upon reconciling and selecting the option, 'Replace Object with Pre-Reconcile Version' in favor of 'Edit Version' to resolve conflicts.
BUG-000097117	A mosaic dataset created with SMAPL3_A product displays slowly in ArcMap.
BUG-000097120	Make PEDATABASE backwards compatible.
BUG-000097173	The Search widget appends the 'Location' and 'Distance in Meters' parameters for the findAddressCandidates operation of the geocoder based on previous search results and returns an incorrect result.
BUG-000097210	Running the Create Parallel Offset tool on a rotated or scaled parcel fails to extend or trim for a single line segment and/or to maintain the recorded bearing.
BUG-000097245	If the background geoprocessing is disabled, the Stream Link tool executed with certain large input datasets results in a crash. If the background geoprocessing is enabled, the tool results in an incomplete output stream link dataset.
BUG-000097253	[DT BG GP] does not install on 2008 Standard SP2.
BUG-000097486	The Export to CAD tool does not recognize seed-file symbology with a joined-data input.
BUG-000097551	Certain large multipatch feature classes cause the create scene layer package geoprocessing tool to crash or completes with missing textures.
BUG-000097552	Update the documentation of the Strip Map Index Features tool to indicate the input line and polyline feature classes cannot be in a geometric network.
BUG-000097594	A new command, Check Selected Parcels, to check selected parcels. The Check Parcel Fabric command must only check the entire parcel fabric.
BUG-000097671	Add support for Sentinel 2 data.
BUG-000097672	Some GRIB2 data fail to add to a mosaic dataset if the input is set as a folder.
BUG-000097691	The Patch Notification tool fails to identify the ArcGIS Data Store 10.4.x installed patches.
BUG-000097693	For the Optimized Hot Spot Analysis and Create Space Time Cube tools, when the default cell size is bigger than max extent/10, bound the cell size to one tenth max extent instead of one hundredth.
BUG-000097694	The match method 'ATTRIBUTE PROFILES' in the Similarity Search tool results is not correct.
BUG-000097702	Provide a framework that enable users to create custom raster type with Python.
BUG-000097714	The Image Classification toolbar: Floating point input raster is truncated to integer when scatterplot and statistics are calculated.
BUG-000097730	The QueryFilter does not function, and errors are returned for methods that require IQueryFilter parameters, such as IFeatureClass.Search, IFeatureSelection.SelectFeatures, and so on, in external ArcObjects applications that access ArcMap using the IAppROT interface.
BUG-000097749	ArcMap crashes if selecting more than 999 features in a query layer.



BUG-000097817	The Asynchronous Vehicle Routing Problem service does not work with more than two breaks.
BUG-000097857	ArcMap crashes when opening an MXD with dynamic text displaying attributes of Data Driven Pages if there are no features in the Data Driven Pages index layer.
BUG-000098072	Arc features from an AutoCAD DWG file do not draw in ArcMap 10.4.
BUG-000098139	The Service Editor > Extract Data Task > Layers to Clip dialog includes all layers in the map document even when the Extract Data Task tool was run using only a subset of all map layers.
BUG-000098166	After applying ArcGIS for Server Publishing Patch, when a layer has an ArcFM Feed Manager 2.0 join enabled with data from Enterprise Geodatabase, attempting to publish as a map service causes this warning in the ArcGIS Server logs: "The layer has an invalid join table."
BUG-000098168	Support expressions in onStatisticsField with outStatistics parameter for a query operation of a map service.
BUG-000098255	In ArcGIS Online, the Choose Best Facilities web map fails when Driving Distance is selected for the Measure parameter.
BUG-000098305	The Aspect, Slope, Hillshade, and Cut Fill tools do not honor polygon feature mask.
BUG-000098308	In Python scripting, with a file based workspace, the Natural Neighbor tool fails to produce an output.
BUG-000098309	When the output from the Kriging tool is sent to a file geodatabase and a feature mask is used, the "Error 010161" is returned.
BUG-000098336	The Extract by Mask and Extract by Attributes tools fail when the input raster is multiband data or grid stack.
BUG-000098348	Hard-coded strings in the Getting Started user interface.
BUG-000098386	Plan Routes crashes when using large datasets spread over large areas in the UK with more than ten routes.
BUG-000098387	In ArcGIS for Desktop 10.4 and/or 10.4.1, attribute tables do not open in ArcMap or ArcCatalog for feature types from MicroStation DGN files.
BUG-000098397	When background processing is enabled, the Project tool with a custom projection fails with the error, "Failed to execute."
BUG-000098420	Parallel offset new lines measurements must be proportioned to parent line measurement that is being split.
BUG-000098460	The Simplify Polygon tool does not complete the Assembling Features stage.
BUG-000098494	ArcGIS for Desktop application's XML parser must be configured to use local static document type declaration (DTD) and disallow any declared DTD included in the XML document.
BUG-000098514	Creating a query layer using the field list and a where clause on an Oracle spatial table results in features not being returned, and opening attribute table fails with the error: "ORA-29902: error in executing ODCIIndexStart() routine."
BUG-000098533	The compass method is not being applied to a parcel that is unjoined and joined.



BUG-000098585	ArcGIS for Desktop 10.4.1 background geoprocessing installs are missing the PostgreSQL client library: libintl-8.dll. This causes issues with different database management system (DBMS) operations.
BUG-000098623	The Gazetteer, Single Field, and City State Country General style locators pan the map to 0,0 when searching for locations using the Geocoding toolbar.
BUG-000098631	Default names are invalid when exporting raster dataset function layers using the Export Raster Data dialog box.
BUG-000098675	Add 'Geodatabase' to the resource strings to allow localization in the geodatabase properties user interface.
BUG-000098700	Copied and pasted construction lines are not building correctly if the 'Merge connected lines at points' option is checked on.
BUG-000098717	In ArcGIS Engine, the ToolbarControl menu dropdowns persist and stay on the screen even after the ArcGIS Engine forms are open and then hidden.
BUG-000098845	CURRENT_TIMESTAMP is converted to CURRENT_TIMESTAMP() when queried on the database when creating replica with SQL server.
BUG-000098887	The Solve Vehicle Routing Problem tool fails to generate driving directions on server or hangs while solving.
BUG-000098916	ArcMap creates layer names that include a hashtag when particular NITF files are added to the map. The hashtag prevents the layer from being shared as a WCS service because the character is not allowed by the OGC WCS specification.
BUG-000098919	Create a new Optimized Outlier Analysis tool.
BUG-000098933	Unable to describe the Extent, MExtent, ZExtent, and SpatialReference properties on a TIN.
BUG-000098974	ArcGIS stops responding when solving on a network dataset using a historical traffic containing a zero-value time slice.
BUG-000098978	A parcel remainder is unable to create more than one parcel when multiple parcels are selected to intersect.
BUG-000099040	The IGridTransformation.GridDatasetName Property returns an error when a backslash (\) exists in the string for 10.4.x, but not earlier versions.
BUG-000099154	Update geoprocessing tools for ArcGIS Runtime v100.0.
BUG-000099206	Building and Building Unit are not recognized when using the style 'US Address —Single House Subaddress' in the Standardize Addresses geoprocessing tool.
BUG-000099226	Reconciling fails with the error, "The modified geometry must be a different geometry instance from the feature's original geometry."
BUG-000099264	Checking out parcel fabric fails to sync geometry updates.
BUG-000099275	The Make Query Layer tool must be more lenient on parameter validation when the input is derived data.
BUG-000099304	No result is returned when 'Connect Origins to Destinations' is run using feature collections that have overlapping origin and destination combinations but credit charge is incurred.



BUG-000099360	ArcMap either crashes or there is no progress when performing a Select By Location query on a specific dataset.
BUG-000099415	The Find Route tool produces inconsistent results when routing during daylight saving time.
BUG-000099529	When joining a feature class to a table stored in non-geodatabases, opening the joined attribute table causes ArcMap to hang or crash.
BUG-000099716	Routing fails to generate directions for more than one route when a soft-turn restriction is reported with a script restriction and global turn delays.
BUG-000099944	The Simplify Line and Simplify Polygon tools crash when the tools are run as part of stand-alone Python scripts.
BUG-000100266	Schematics rules configured with SQL filters which end with IN statement running on records set with the size greater than 1000 fails when running on Oracle databases.
BUG-000100788	Add an option to allow filters to only set edits that satisfy the filter in current state (forSync='true').
ENH-000082366	The arcpy.AddMessage documentation does not clearly state that it can not be used in the Python window, and that the 'print' method should be used instead.
ENH-000086635	Add the functionality to register database views with the geodatabase.
ENH-000088898	Provide a method to calculate a geodesic angle with the exact values shown by the deprecated IMeasurementTool.angle property.
ENH-000092154	Update KML support in ArcGIS for Desktop to ensure compliance with the Open Geospatial Consortium (OGC) KML standard.
ENH-000093559	Include a tool to convert GeoJSON To Features.
ENH-000093785	Change the "Set up an enterprise geodatabase in SQL Server" Resource Center page by removing the reference to the "GDBCreateGeodatabase<#>.log" and instead point users to the "sde_setup.log."
ENH-000095912	Allow the Feature Class To Shapefile geoprocessing tool to carry over the GlobalID value to the Shapefile.
ENH-000096257	Allow ArcMap's Geocoding toolbar to list ArcGIS Online locators by the name specified in the Organization Settings > Utility Services list rather than the name of the service.
ENH-000096890	In the arcpy.da.UpdateCursor Help document include when using arcpy.da.UpdateCursor to update records of an versioned feature class or table, it requires to first open an edit session and edit operations using the Editor class (arcpy.da.Editor).
ENH-000096990	Allow address locators to accept special characters and spaces within the street name field.
ENH-000097199	An ArcGIS administrator or License server administrator user is not able to directly copy the FID number.
ENH-000098075	Display the solution point in the viewer of the Block Adjustment Window.
ENH-000098676	Supporting the Import Message geoprocessing tool with Local Server.





ENH-000098948	In the help documentation for Geocoding, the Commonly Used Address Locator Styles page must include intersections and alternate name tables within the chart for locator styles characteristics.
NIM034563	Update the documentation for the Find and Replace tool from the attribute table options to note the size limit on the Find What field.
NIM038930	In ArcGIS for Desktop 9.2, the Reshape Feature task works on a polygon with many vertices. However, the same function does not work in ArcGIS for Desktop 9.3.
NIM039547	The ArcMap Measure widget is measuring in UK Nautical Miles, not in International Nautical Mile, as stated in the Help.
NIM039622	The CAD annotations created with the Quick Export tool and Spatial ETL tools are not being read correctly in ArcGIS for Desktop.
NIM053816	Create Replica GP tool fails when the child GDB has had its schema pre-populated, and 'Reuse Schema' option is set to 'REUSE'.
NIM054587	User requests: Add a method in ArcPy module to identify a basemap layer as different from a group layer.
NIM060533	The Reshape Feature tool returns an error when running on a large polygon with many vertices.
NIM063115	The Re-order Field (Up and down arrow) button is not working in the Feature Class To Feature Class tool.
NIM067106	Labels on a graduated color ramp do not appear when rendering a raster using minimum-maximum and the 'edit low/high values' option is selected.
NIM067877	Conversion to and from a KML file must be in the EGM96 Vertical coordinate system.
NIM070602	In ArcMap 10 Service Pack (SP) 2, the data destination dialog box cannot be opened in Windows 7 Enterprise.
NIM078105	Geodatabase attachments are not carried over to geoprocessing outputs.
NIM079236	A help documentation or technical article that illustrates how to manually edit the date field is needed.
NIM079788	Provide functionality to import GPL files using the Quick Import tool.
NIM080248	Unable to view an Oracle Spatial table views via interoperability connections.
NIM080541	Quick Import (Data Interoperability) of AutoCAD drawing files with the geometry option fails when importing entities with no geometry.
NIM082240	The "Allow Null Values" string is truncated in the Field Properties and Field tab of the feature class properties when using the Russian version of ArcGIS Desktop.
NIM082270	The XY unit is hard-coded in the Domain, Resolution and Tolerance tab when using a localized version of ArcGIS for Desktop.
NIM083090	The interoperability connections to the Web Feature Services (WFS) generate a 'NoGeometry' message when the service has two or more layers with the same name.
NIM083201	When using the RESOLVE_ERRORS option on the Simplify Polygon geoprocessing tool, the process takes a long time to complete.





NIM084096	The unchecking operation option fails with the Data Interoperability extension in ArcCatalog.
NIM084187	The Simplify Line tool is much slower in version 10.1 than 10.0.
NIM084424	Provide an alternate name table capability for cities in addition to streets.
NIM084484	When connecting to a database using ArcGIS 10.1, data in the database table with special characters (like a hyphen in the field names) is not viewable.
NIM085216	Adding fields after a table join using a file geodatabase results in a corrupted table view display.
NIM085505	Allow the KML tools to carry over attachments from the input features to the output KML pop-up.
NIM086021	Document that "Do" is a reserved key word for the Trend, IDW, and Spline interpolation tools.
NIM086976	The Topology Loader geoprocessing tool does not import multiple connection lines at a point.
NIM087475	Change the definition of long integers in XML format for the Data Interoperability extension to accommodate more digits in the World Wide Web Consortium (W3C) XML standard.
NIM088256	A one-way replica based on a definition query can only synchronize 'adds' when synchronizing from the parent session. It cannot synchronize 'changes' or 'deletes' if the synchronization tool is run from the parent session. Issue is also reproduced with a
NIM090178	The geoprocessing history log file shows the start and end time for a tool run to be the same value which is not what is shown in the results window.
NIM090873	When calling a model with a Python script that contains a Data Interoperability Spatial ETL tool, the script does not run successfully from IDLE when Esri Production Mapping 10.1 is installed.
NIM091789	Resize strings in 'Add Fields' windows.
NIM092139	Add support for Inland Electronic Navigational Chart (ENC) format 2.2 for S-57 data to the Data Interoperability extension.
NIM093444	Replace '.' with '_' when exporting fields.
NIM094891	The IMxdServer.ExportLegend method throws an exception in ArcGIS Engine 10.1.
NIM095594	When reading the KML Extended Data containing attribute, the Spatial ETL tool fails when encounters a NULL value.
NIM095804	arcpy.sa.CellStatistics() produces incorrect results in ArcMap when the input is a multiband raster. The tool is only using the first band in the multiband raster instead of all bands.
NIM095882	When geocoding, street names with hyphens must have lower spelling sensitivity in order to be matched.
NIM096145	When background processing is enabled, geoprocessing history is not written to ISO 19139 Metadata Implementation Specification.
NIM096200	The Lookup tool results in an unexpected result if it is run as a script tool in ArcMap.



NIM096337	The Privileges dialog box does not display for certain feature datasets that contain non-attributed relationship classes.
NIM096661	In the Data Interoperability extension version 10.2, GPS Exchange Format (GPX) is not an available file format in the FME Writer Gallery.
NIM098205	The Simplify Building tool output consists of self-intersections for some shapefiles.
NIM099740	Adding a leader line to a map annotation layer in ArcMap significantly hinders performance.
NIM101019	Include information about the extent of the Auto Join feature in Parcel Fabric Joining dialog help page.
NIM103036	Do not null relationship class foreign key fields during replica synchronization when multi-RCs use the same foreign key.

## Portal for ArcGIS

### ArcGIS Data Store

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BUG-000097136	Existing scene services fail to render after upgrading the ArcGIS Data Store from 10.3.1 to 10.4.x.
BUG-000098057	After installing the ArcGIS Data Store on a Windows machine with a non English locale, the RunAs account assigned to the ArcGIS Data Store service is incorrectly set to 'Local System'.

### Home Application

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BUG-000082441	Japanese characters in the title of a web application are corrupted when printing in the Basic Viewer and Classic Viewer web applications.
BUG-000085482	Failure occurs when the supportsPagination parameter is ignored when searching a feature layer for values in Portal for ArcGIS 10.3.
BUG-000088663	When a Web Map Tile Service (WMTS) service using WGS84 from a non-ArcGIS for Server WMTS server is consumed as a basemap in Portal for ArcGIS, geocode results from the World Geocode Service appear in the wrong location.
BUG-000088728	When changing the field order in a pop-up configuration in a webmap, the field order in a corresponding bar chart does not update immediately.
BUG-000090019	Unable to configure pop-ups for map service feature layers with unique Layer IDs.
BUG-000090024	Unable to configure pop-ups for map service's feature layers with a unique layer ID in Portal for ArcGIS.



BUG-000090198	Block the ability to own two groups with the same name.
BUG-000090288	Cannot disable the offline mode of a web map.
BUG-000090659	Disabling the zoom control is not honored in the HTML code while embedding a webmap.
BUG-000091615	Filters set on a layer in a map service are not applied when searching on a configured layer search in the map viewer, when the map service is added at the service level.
BUG-000092322	Unable to invite users to a group when the custom role did not have the create/edit groups privilege.
BUG-000092385	When publishing a map to a non-configurable custom template, the Save, Reset, and Done buttons do not work correctly.
BUG-000092457	Maps fail to save when a HTTPS-enabled map service is added to a non-HTTPS browser session in the latest builds of Internet Explorer 11 and Microsoft Edge Browsers.
BUG-000093014	Adding a Web Map Service (WMS) to Portal for ArcGIS displays a different legend compared to what is displayed in ArcMap.
BUG-000093033	When sorting a text column containing mixed uppercase and lowercase letters in a feature service, all uppercase letters are sorted first before the lowercase letters, resulting in a non-alphabetical result.
BUG-000093218	Portal log messages can sometimes be unreadable due to the incorrect language encoding being used.
BUG-000093322	Webmaps with the word 'Bing' in the title do not display as selectable in the Basemap Gallery.
BUG-000093383	Unable to save web service added to a webmap as a layer after previously deleting the layer that was created from this same service.
BUG-000093481	Rendered Landsat 8 Image Services are not being honored when chosen as a basemap from the Basemap Gallery.
BUG-000093850	When the Enrich Layer tool is run on a polygon layer that crosses country borders, it returns incorrect global variables including only one country.
BUG-000093878	Group layers in a map service filtered by unique values may fail with the error "Unique values could not be determined for the selected field."
BUG-000094805	When editing the settings of Portal for ArcGIS in the Dutch-Nederlands language, the 'Servers' tab says 'Beveiliging', which means Security, instead of 'Servers'.
BUG-000094836	Unable to switch to the OpenStreetMap (OSM) basemap if the current basemap is a custom map with non-Web Mercator coordinate system.
BUG-000094893	Publishing a non-spatial CSV file should not require a geocode service to be set up for batch geocoding.
BUG-000095221	Spatial analysis operations will fail in certain cases when the ArcGIS for Server site designated as a hosting server is installed and configured on a localized operating system.
BUG-000095277	When adding a web map containing public ArcGIS Online data as a default basemap on the My Organization page, the admin is prompted to provide credentials for the service.



BUG-000095320	When a map service that is federated with Portal for ArcGIS is published to ArcGIS for Server, the 'Open in ArcGIS for Desktop' option in Portal for ArcGIS fails with an error unless the service is shared with Everyone.
BUG-000095579	Adding members based on existing enterprise users is truncating any full names longer than two words.
BUG-000095688	The 'Apply Filter and Zoom to' is not available for hosted feature layers.
BUG-000095861	A custom role with "Create, update, and delete" and "Publish hosted feature layers" privilege is unable to publish content.
BUG-000096161	The error "unable to refresh item" is returned when performing analysis using the spatial analysis tools in the Map viewer. This error occurs when ArcGIS Web Adaptor (or any reverse proxy) is on a machine different from the Hosting ArcGIS Server.
BUG-000096798	Saving a webmap with a title containing more than 14 Thai characters will throw the error 'A map is already available in this folder' in Portal for ArcGIS.
BUG-000096893	Remove the 'Search for Layer' option because the Google Web Search API has been deprecated.
BUG-000097180	When a hosted service layer is renamed in a web map and printed, the new layer name is not recognized in the legend of the printed map
BUG-000097759	After upgrading Portal for ArcGIS from 10.3.1 to 10.4, the Sync capability cannot be enabled on services that existed prior to the upgrade.
BUG-000098255	The 'Choose Best Facilities' tool fails when Driving Distance is the measure.
BUG-000099447	Unable to upload files or create groups in the Portal home application after updating the browser to Firefox 49, Chrome 54, or Safari 10
BUG-000100693	ArcGIS for Server Web Map Service (WMS) services that contain transparent feature layers do not display transparently in Portal for ArcGIS.
BUG-000101196	The webgisdr utility returns an error when restoring a portal backup created without a hosting server.
BUG-000101198	Allow the portaladmin healthcheck to be accessed via http.
ENH-000087508	Provide support for Date/Time data type to symbolize data using 'Counts and Amount'.
ENH-000090379	Provide a warning when enabling the 'Members can update all items in group' option that indicates this is a permanent setting.
ENH-000091123	Allow Portal administrators to disable the ability for members to edit biographical information and who can see their profile.
ENH-000092066	When creating the Portal configuration file from ArcGIS License Manager, the JSON file contains only the short host-name and not the domain name.
ENH-000094573	Provide the ability when adding a WMS layer to the map viewer, to select which layer of the WMS to add instead of only adding the entire service.
ENH-000094687	Provide the ability to overwrite hosted feature layers published from a zipped .SHP or a .CSV file containing lat/long values.



ENH-000094959	Please update URL Parameter functionality to allow use of the ?layers=show:#,#... to work on Feature Services.
ENH-000095327	Provide the ability to allow OGC WMTS layers to be added as items via My Contents > Add Items.
ENH-000101200	Enhance the Spatial Analysis tools in Portal for ArcGIS to include a Choose Best Facilities tool.
ENH-000101201	Improve the error message displayed when adding a http service to the MapViewer when the portal is configured to require HTTPS.
ENH-000101202	Provide the ability to create multi layer basemaps in Portal for ArcGIS.
ENH-000101204	When authoring a map for offline use, provide the ability to specify which information users can receive from the server.
ENH-000101205	Provide the ability to connect multiple on-premises ArcGIS organizations and distribute your Web GIS across a network of portals.
ENH-000101206	Provide the ability to make Living Atlas content available to Portal members.
ENH-000101207	Provide a new experience for working with items by updating the look and layout of the item details page.
ENH-000101208	Provide the ability to specify which members have licenses for Esri Premium Apps.

## Security

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BUG-000090845	Restrict access to the Tomcat internal shutdown port.
BUG-000093278	Code reappears after removal from Web AppBuilder applications when shared to a folder.
BUG-000093732	Clicking the service URL for a secured ArcGIS Server service with stored credentials will produce a 403 error unless the item is shared publicly.
BUG-000094523	Cross Domain users cannot see that they belong to an Enterprise group within Portal for ArcGIS.
BUG-000094537	Active Directory users who belong to an enterprise group with the same name as a group within a different domain are granted access to Portal for ArcGIS 10.4 even if they do not belong to the group.
BUG-000098559	Unvalidated redirect in Portal for ArcGIS.
BUG-000096664	When Portal for ArcGIS is configured to use Integrated Windows Authentication (IWA), members with a full name attribute that contains parenthesis ( ) cause application errors.
BUG-000096961	When using Integrated Windows Authentication (IWA) in Portal for ArcGIS, the tokens expire in 5 days even if the maxTokenExpirationMinutes is set to 20 minutes. This is only true when generating a Portal Token through the Web Adaptor with Anonymous access disabled.



BUG-000097732	Portal for ArcGIS 10.4.1 Integrated Windows Authentication (IWA) roles do not show users in multiple domains. The roles only show users in one of the domains when doing a 'get users within enterprise group' search in portaladmin, but all the users in the multiple domains show up on the Portal for ArcGIS users search.
BUG-000098148	Refreshing membership for enterprise users and groups fails to honor universal nested groups.
BUG-000100617	Adding a map service in My Content does not create a thumbnail when the ArcGIS Server is configured with IWA authentication
BUG-000101199	Upgrading to Portal for ArcGIS 10.4.1 overwrites the cacerts file, removing all SSL trusts from existing services.
ENH-000091618	Show the username of the person who requested access to a group in the Membership Requests tab.
ENH-000101203	Provide the ability for an administrator to propagate a user logout to the SAML Identity Provider.
ENH-000101209	Provide the ability to allow members using enterprise logins access to secured content through web applications hosed on other portals.
NIM104313	Logging out a SAML user from Portal for ArcGIS doesn't propagate the logout to the SAML identity provider.

## ArcGIS Server

### Caching

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BUG-000094671	The 'EstimateExportTilesSize' and 'ExportTiles' operations performed on a cached service throw a severe error 9001, "Response already committed. Cannot forward error to page" when the job status is requested.
BUG-000095980	The cache size of an image service for the Limited Error Raster Compression (LERC) tile format increases when the regional format setting is changed to have the comma (,) as the decimal symbol.

### Documentation

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BUG-000089457	Add documentation describing how to set up ArcGIS Server with Active Directory (AD) and public key infrastructure (PKI).
BUG-000094464	Document that Enable Attachments is only available when the hosting server is configured to use ArcGIS Data Store.
BUG-000095259	The documentation for the Manage Tile Cache tool must include information about the extent of the source map document.



BUG-000096638	The 'Apply Filter And Zoom To' option is not available for Portal for ArcGIS 10.4 hosted feature layers as stated in the documentation.
BUG-000097187	The Portal Help topic for 'adding items' does not include details on 'rate limiting' even though it is possible.
ENH-000090858	Improve the ArcGIS Server documentation regarding issues caused by Opportunistic Locking (OPLOCKS).
ENH-000097257	Add documentation describing how the ArcGIS Web Adaptor can be updated or unregistered.

## Feature Services

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BUG-000088036	The ArcGIS Server restore utility does not properly maintain feature services with data stored in enterprise geodatabase based managed data stores.
BUG-000091147	When Collector for ArcGIS 10.3.3 (Android) is working with a feature service, which has a non-nullable field with a coded attribute domain, if a value is not provided by the user, the application sends a space as an edit. This causes invalid data against the goals of the user's schema, and the application passing a space bypasses the goals of the end user to force a true value for this field.
BUG-000094078	Coded value domains are unable to carry over all values when creating a local copy of a hosted feature service if the codes contain decimal values.
BUG-000094193	When a server object interceptor (SOI) is enabled on an ArcGIS for Server feature service with the Sync capability, the Create Replica operation fails.
BUG-000094489	Overwriting a hosted feature service in Portal for ArcGIS fails if using a feature class that is part of a feature dataset that also contains a geometric network.
BUG-000095194	When viewing a hosted feature layer from a multi-machine site in Portal for ArcGIS Map Viewer, sometimes the Edit button does not display although editing is allowed on the hosted layer. Hosted feature layer response periodically does not return all capabilities enabled on the service.
BUG-000095683	A hosted feature service containing a field name 'data' fails to render in a webmap.
NIM075461	ArcGIS Server allows accessing feature attachments via REST for feature classes with different object IDs.





## Geoprocessing Services

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BUG-000091418	A geoprocessing service utilizing the Table To Table tool returns the code and not the description of a coded domain value when the service is run from the REST endpoint.
BUG-000092903	Packaging for geoprocessing services with a Python script tool fails to incorrectly rewrite paths that use <code>sys.path[0]</code> to construct a path when the path is in a registered folder.
BUG-000093718	A geoprocessing service published to ArcGIS 10.4 for Server does not retain the input workspace database connection properties.
BUG-000094241	The coding directives specified in a Python script are ignored after being published as a geoprocessing service.
BUG-000098257	Publishing a geoprocessing tool to server with a folder as data source turns the folder into a file geodatabase.
ENH-000101216	Add support to geoprocessing services to return output in GeoJson format.
NIM091053	Geoprocessing services must return some logging information when the input parameters are malformed, partial, or contain invalid JSON.

## GIS Server

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BUG-000091400	If a file geodatabase contains a raster catalog and a mosaic dataset with the same name, the published image service from the mosaic dataset fails to display all the rasters.
BUG-000092552	When using LDAP as the identity store, queries should be made directly to the users Organizational Unit (OU) instead of the top level.
BUG-000093500	After signing in to the Services Directory for a federated GIS Server, you are incorrectly redirected to the home page of the Services Directory application instead of the specific service URL location you wanted.
BUG-000095107	Geodata services do not maintain replicas if failover occurs in a mirrored database environment when mirrored databases are not in the same domain.
BUG-000095970	After upgrading ArcGIS 10.3.1 for Server to 10.4, using the Administrative Directory to update the "local repository path" artifact causes the following error, "The destination config store appears to be part of another Site."
BUG-000096095	The publishing process in versions 10.4 and 10.4.1 of ArcGIS for Server is much slower than in previous versions.
BUG-000096129	When publishing a map service containing a XY event layer that is created from an enterprise geodatabase table, the layer fails to publish and results in this error: "Error 001487: Failed to update the published service with the server-side data location."



BUG-000096144	A geocode service accessed via the ArcGIS REST API randomly returns an incorrect Ref_ID.
BUG-000096292	When the database view is joined to a definition query layer, the view fails to publish to ArcGIS for Server and results in this error: "Failed to update the published service with the server-side data location."
BUG-000096863	When ArcGIS Server is federated with Portal, it is not possible to disable the primary site administrator.
BUG-000096929	Allow the ServerScan.py tool to accept portal tokens when federated with ArcGIS Server.
BUG-000097405	When ArcGIS for Server is federated with Portal for ArcGIS, the securityScan.py inaccurately logs warnings for editable feature services.
BUG-000098285	Network Analysis services fail to solve and returns an empty geometry error when Directions are requested.
BUG-000099282	Publishing a map document consisting of archived data from a registered database as a map service to ArcGIS for Server fails with the following error, "Error 001487: Failed to update the published service with the server-side data location."
BUG-000101211	The Restore operation on a multi-machine ArcGIS Server site fails when one of the machines in the site has its ArcGIS Server service stopped.
BUG-000101212	Attempting to register a new server directory with the same name as an existing one in ArcGIS Server causes the existing server directory to become invalid.
BUG-000101213	Performing a Restore operation on a multi-node ArcGIS site that has HTTPS-only security protocol enabled, will fail to add any additional machines to the site except for the machine in which the backup script is being run.
BUG-000101214	When an ArcGIS Server site has non-default paths for all of its configurations and does not have the <installationDrive>\arcgissystem directory created, the <installationDrive>\arcgissystem\statistics directory is unnecessarily created after exercising Usage Reports and/or after DeleteSite operation is performed.
BUG-000101215	The ArcGIS Server site Restore functionality fails when the backed up ArcGIS Server site has the authentication tier set to Web-Tier authentication.
BUG-000101217	Adding a new machine to an ArcGIS Server site without sharing the folders containing the configuration store and server directories will fail with an expected error, but still partially add the new machine to the site, which further causes instability with the site.
NIM098659	In ArcGIS for Server 10.1, the Geometry service 'Buffer Geometries' works for spatial reference 25832, but in ArcGIS for Server 10.2.1, 'Buffer Geometries' does not work on the same inputs.
NIM100223	The order of the vertices are reversed in the KMZ file generated using the ArcGIS Server KML Service.



## Linux

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BUG-000093826	Patch Notification and Software Authorization Wizard do not work for ArcGIS Server 10.4 on Suse 11SP1.
BUG-000095381	On Red Hat Enterprise Linux, the Portal for ArcGIS service will not start if the incorrect native package is installed on the system.
ENH-000090558	When publishing services to ArcGIS Server on Linux, allow the temporary directory to be changed from /tmp to another location.
NIM096586	The 'arcgisserver' script provided with ArcGIS for Server does not shutdown processes properly before the Linux OS is rebooted.

## Map Services

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BUG-000082032	Legend size is reduced when a map document with legends is published as a map service.
BUG-000092504	Assignment of unique numeric IDs to map layers can result in many duplicate layer IDs.
BUG-000092600	A published ArcGIS for Server map service does not properly honor a configured new field delimiter for symbology values containing commas.
BUG-000093276	A memory leak has occurred when using the generateRenderer operation in ArcGIS for Server.
BUG-000093884	The SOAP responses from map services do not comply with the map server Web Service Description Language (WSDL) definition.
BUG-000095583	Performing a query on a map service that participates in multiple tabular joins and has an input geometry and an output spatial reference specified returns the following error message, "No records found."
BUG-000096631	When published as a map service, an enterprise database layer that contains nested joins is not accessible.
BUG-000097229	The MapServer outStatistics operation fails when a Japanese field name is used.
BUG-000097244	PDF attachments for map services from ArcGIS 10.4.1 for Server that are over 5MB in size fail to display properly in web browsers.
BUG-000098489	The MapServer export operation ignores definition queries when they are malformed. The operation must throw an error instead.
BUG-000098713	MapServer must report which datum transformation is used when auto-selected or defined in the source map document and native spatial reference for each layer.
BUG-000101218	The map service Find operation fails if the search text is a string containing numbers with a dot and ending with a zero.
NIM051076	Map Service REST API should support datum transformation in its operations such as Export, Identify, Find, Query etc.



NIM084070	The MapServer REST Identify and Find operations should allow users to get unformatted raw data and field names in the results.
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## OGC (WMS, WFS, WCS, WMTS) Services

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BUG-000093243	Applying an asterisk ("*") to the propertyname component of a GetFeature request does not retrieve all properties/fields in ArcGIS for Server WFS services. Only the first property/field is retrieved.
BUG-000094178	ArcGIS for Server Web Feature Services (WFS) services do not honor on-the-fly transformations in applications that use the WGS84 projection as the base coordinate system.
BUG-000095763	In ArcGIS for Server Web Feature Service (WFS) version 2.0.0, the DescribeFeatureType operation does not include the 'nillable' property for field or element name.
BUG-000097488	Publishing a map document containing multilayer symbology fails when published to ArcGIS for Server if Web Feature Service (WFS) is enabled.
ENH-000083763	Allow Web Feature Service (WFS) capabilities to serve a map that uses the same dataset to access a single data layer multiple times.
NIM041623	Option to hide geometry that is being returned within the Web Feature Service (WFS) response.
NIM043310	Add support for NumberOfFeatures parameter when returning results from a GetFeature request in ArcGIS Server Web Feature Service (WFS) service.
NIM045691	Include a feature in the Web Feature Service (WFS) GetFeature process to compress (ZIP) data prior to transferring it to client.
NIM066224	Enhance Web Feature Service (WFS) to solve the Lock ID problem.
NIM084810	Allow ArcGIS for Server and ArcGIS for Inspire to support Web Feature Service with transactions (WFS-T) version 2.0.
NIM096430	A Web Feature Service (WFS) service cannot be published with ArcGIS 10.2 for Server if the feature class has duplicate field aliases.
NIM102274	Web Feature Service (WFS) services with large datasets take a long time to load after restarting the service.
NIM102355	A Web Feature Service (WFS) does not publish if more than one field alias begins with a number.

## Printing Services

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BUG-000095520	The ArcGIS for Server Export Web Map Tasks printing services do not display layer names in map template legends for map service raster layers.
BUG-000097180	When a hosted service layer is renamed in a web map and printed, the new layer name is not recognized in the legend of the printed map.



BUG-000098312	Printing service fails to print an ArcGIS Online or Portal for ArcGIS item that secured with limited access and credentials are embedded within it.
NIM103652	The printing service constructs incorrect SQL for the exclusion-clause for a class breaks renderer. As a result, all features are drawn on top with defaultSymbol especially when the layer has definition expression.

## GeoEvent Server

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BUG-000097131	GeoEvent Services do not output event data if the definition field name contains Japanese characters.
BUG-000097320	When performing a statistics query within a Spatiotemporal Big Data Store, the hosted map service returns a null error message at the REST endpoint.
BUG-000097319	When performing a statistics query within a Spatiotemporal Big Data Store, the hosted geature dervice returns a maximum of 10 results.
BUG-000096374	Modify the Spatial Filters documentation to describe the relationship of the GeoEvent's geometry to the GeoFence.
BUG-000096142	The GeoFence synchronization rule fails to overwrite GeoFences when a GeoEvent configuration is imported.
BUG-000092039	Unable to register an ArcGIS Server in GeoEvent Manager on a Japanese operating system since the token information never appears.
BUG-000094910	When registering a Portal Connection, the label Use Web Tier Authentication is confusing as it also works with built-in user accounts with GIS tier authentication.
BUG-000088273	Unable to update the geometry for a feature service in British National Grid (WKID: 27700).
ENH-000087926	The tooltip for the Name parameter in the Import GeoFence dialog should indicate that it requires unique values.
BUG-000087087	When the GeoFence category name contains Japanese characters, it causes an error when creating a new GeoEvent Service that uses the Incident Detector Processor on a Japanese operating system.
BUG-000086505	The text box to input the token is unavailable in the ArcGIS GeoEvent Server administrative directory on a Japanese operating system.
BUG-000086504	UTF-8 Japanese characters are not displayed correctly in the ArcGIS GeoEvent Server administrative directory on a Japanese Windows operating system.



## Enterprise Geodatabase

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BUG-000082184	PostgreSQL: The connection caches the port number.
BUG-000087604	Dragging in an Oracle database view to ArcMap 10.3 converts long integer fields created with default settings to double, and all values are converted to 0.
BUG-000088318	Running the Migrate Storage tool to convert the storage type of Oracle feature classes from SDELOB TO ST_Geometry causes slow performance when using datasets with high (mixed) precision.
BUG-000088362	Rendering data of type GEOMETRY in an SQL Server geodatabase causes slow performance if the data have non-densified curve representations, such as circular arcs and other CAD entities.
BUG-000091730	When using Oracle 12c Data Guard, connecting to a read-only standby geodatabase fails with the error "ORA-03179."
BUG-000093110	Running the Create Enterprise Geodatabase or Enable Enterprise Geodatabase tool causes ArcMap and ArcCatalog to crash when XACT_ABORT is turned on.
BUG-000094000	ST_UNION (SgShapeUnion) returns a wrong result with two particular multipolygons.
BUG-000094977	PostgreSQL: unnecessary privilege checking is making connections slow.
BUG-000095027	ArcMap stops responding when saving edits on data that is versioned with the option to move edits to a base which contains circular arcs.
BUG-000095195	Sync-enabled hosted feature layers are incapable of deleting features in a Portal for ArcGIS web map when using ArcGIS Data Store that is installed while logged in as a user with a non 'month-day-year' region set in the Region and Language settings.
BUG-000095594	Publishing a web feature layer using ArcGIS Pro 1.2 to Portal for ArcGIS 10.4 with attribute table field names XMax and XMin fails to publish.
BUG-000095750	ArcGIS clients may crash when opening a map document containing layers from a SQL Server geodatabase that stores mixed precision data.
BUG-000095963	Filter non-geodatabase tables/views from a geodatabase connection when a user has the VIEW DEFINITION permission.
BUG-000096014	Certain type of changes made on a linked annotation feature class on a child version is not isolated from the default version. Updates on the child version are reflected in the default version without reconcile and post.
BUG-000096153	Executing the Enable Enterprise Geodatabase geoprocessing tool on an Informix database containing more than eight characters fails with the following error message, "Column index not found. Could not create the geodatabase schema. Failed to execute (EnableEnterpriseGeodatabase)."
BUG-000096188	ArcMap crashes when deleting a specific number of records from versioned data in an editing session.
BUG-000096391	Adding a query layer containing a field of XML type fails.



BUG-000097034	Nullable fields change from Yes to No when QL is created on a table from a PostgreSQL database.
BUG-000097045	ArcGIS 10.4 crashes when drawing features containing invalid geometry in a specific user's PostgreSQL geodatabase.
BUG-000097119	Geography data created with greater than hemisphere property produces incorrect results with certain SQL methods.
BUG-000097285	Executing a DECLARE query returns the error message "ERROR: invalid memory alloc request" and causes inconsistent crashes of the postgresQL instance.
BUG-000097350	Alter the ArcSDE log file implementation to improve the selection performance.
BUG-000097979	Slow performance when initially accessing a versioned feature class in an Azure SQL Server geodatabase.
BUG-000098169	Unable to upgrade geodatabase and the error, "DB_instance_st_geometry_upgrade prepare error" is returned. The ST_Geometry function is not applicable for an Amazon Relational Database Service (RDS) PostgreSQL instance, and must not be called for upgrades.
BUG-000098582	User names with more than 22 characters in SQL Server crashes ArcMap when selecting more than 100 features.
BUG-000098698	Unable to authorize an expired enterprise geodatabase in Oracle if the geodatabase administrator password is about to expire.
BUG-000099118	Post failed with error "Error posting version DBO.EDIT.[Attribute column not found [42000:[Microsoft][SQL Server Native Client 11.0][SQL Server]The multi-part identifier "g.cad" could not be bound.]"
BUG-000099305	Incorrect column definitions (Null/Not_Null) for SE_stream_query_with_info() call follow by SE_stream_describe_column.
BUG-000099441	ArcMap join fails for SQLite classes.
BUG-000099535	Adding a query layer dialog displays unprivileged tables when a user has the VIEW DEFINITION permission.
ENH-000096052	Connecting to SQL Server with an invalid password is returning incorrect error message.
ENH-000097498	The 'Create Enterprise Geodatabase' or 'Enable Enterprise Geodatabase' tools must retrieve the open cursors parameter value from v\$parameter and add the value to the server_config table during the geodatabase creation.
NIM104545	When using ST_Intersects with ST_Buffer on large features, the following error message is received: "Invalid Grid Tessellation Sequence. Hash plan is 0."





## ArcGIS Workflow Manager Desktop

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BUG-000096017	The Delete Job Version option does not delete job versions in ArcGIS Workflow Manager 10.4 and 10.4.1.
BUG-000096067	In a map document, the job version and user do not get updated for standalone tables in an enterprise geodatabase for ArcGIS Workflow Manager 10.4.
BUG-000097035	Passwords from data workspace connections in the Workflow Manager Administrator are stored in plain text in the geodatabase.
BUG-000097141	ArcGIS Workflow Manager fails to add the extended properties field to the job name when using tokens.
BUG-000097355	The Authentication Type for Data Workspaces in ArcGIS Workflow Manager defaults to a previously cached setting when switching between database and operating system authentication types.
ENH-000098538	'Upgrading a 10.0 repository' section in the 'Upgrading an existing Workflow Manager System' page for 10.4 is ambiguous.
TFS-20670	Query builder doesn't handle IN operator with datetimes
TFS-39413	Public Query can be created without a name, fields and table input
TFS-42231	Tokens are not parsed in adhoc server queries
TFS-45968	Workflow execution buttons are enabled even when not available
TFS-45969	Extended properties enforce required field for not implemented functionality
TFS-46910	Workflow Manager crashes when JXL older than version 10.3 is imported without merge
TFS-47572	Workflow packages with steps referencing python toolboxes don't repath the step argument automatically
TFS-48156	Deleting a job with unsaved edits displays an exception
TFS-48227	Previewing a report with row summary causes a crash
TFS-48787	Job Type dropdown is disabled in Create New Job dialog
TFS-49060	Location Of Interest(LOI) is cleared for a job after updating job properties
TFS-49111	Point Of Interest(POI) are not filtered out correctly on the map based on the data from the charts
TFS-49172	Web application does not load on Tomcat web server
TFS-49978	If Blob is the first extended property for a job type the blob content cannot be retrieved
TFS-50295	Workflow Manager GP tools fail to run with 64-bit Background Geoprocessing enabled
TFS-50453	Importing data from one repository to another overwrites the object modified date inaccurately
TFS-50854	When marking a step as done (without first executing the step first), the job status is not updated correctly if there is also an assignment update.

