



Last Updated 02/14/12 - ArcGIS 10.0 Service Pack 4 is planned to be available in March 2012. SP4 includes many fixes since the release, the targeted issues are listed below.

Esri will be updating this list periodically with additions and other changes. If you have any feedback or questions regarding this list please post in the appropriate technology forum located at:

<http://forums.arcgis.com> Esri staff will be monitoring these forums and respond to your feedback.

If you have additional enhancements or ideas that you would like to see included in future service packs or releases, please post them on the ArcGIS Ideas site:

<http://ideas.arcgis.com>

NOTE: The following list is subject to change. Esri recommends proper evaluation of the fixes before applying a Service Pack.

ArcGIS Desktop (215)

- NIM003693 - Changes to layer names inside a group layer file are not saved/persisted when ArcCatalog is closed.
- NIM004428 - ArcMap crashes intermittently when editing while GPS connection is open.
- NIM033250 - The GPS Toolbar does not recognize COM ports over 9.
- NIM046879 - Method call to IAnimationTool.DisplayConfigurationDlg crashes ArcMap.
- NIM048951 - Default output locator workspace in the Create Address Locator GP tool should be set in the workspace where users click New > Address Locator.
- NIM055668 - ISurface.GetLineOfSight: incorrect output geometry when using Curvature option
- NIM059165 - Running Rebuild Connectivity in ArcMap returns a "General Function Failure" error.
- NIM060049 - In ArcMap, IExportFileDialog::DocumentName property (esriOutputUI) is not behaving the way it did prior to 10.0.
- NIM060135 - Projecting annotation from a file geodatabase feature dataset causes the text to draw a huge distance away from the proper location in the output. This is also reproducible in a personal geodatabase and data in SDE.
- NIM062706 - Getting incorrect results when running Extract Multi Values to Points in ArcGIS.
- NIM062822 - Jump option does not work when the polygons are hyperlinked to a layer file.
- NIM063020 - arcpy.mapping.ExportToEPS produces negative colors in output file.
- NIM063482 - ArcMap crashes with runtime error when reconciling certain child versions with default.
- NIM063494 - Annotation is reset when vertex moved for edge feature but not when Junction is moved.
- NIM063691 - Layer with marker fill symbol loses its background color when adding to basemap layer with symbol level turned on.
- NIM063715 - When working on "Solar Radiation" tool and enabling background processing in ArcMap or ArcCatalog throws an Error: "background processing has encountered a serious error".
- NIM063729 - There may be a performance hit when using the Rebuild Connectivity tool with geometric networks that have feature classes with extremely large feature class extents.
- NIM064369 - Certain characters in Metadata descriptions, such as &, <, and >, result in a blank output when displayed.
- NIM064438 - Visibility method of ISurfaceOp and ISurfaceOp2 causes C++ console application to crash without throwing an exception in ArcGIS 10 SP1; it does not crash in ArcGIS 10.
- NIM065361 - A new dirty area for topology is incorrectly created after topology validation when ITopologyClass.EventNotificationOnValidate = True for the associated featureclasses and Service Pack 1 is installed.
- NIM065434 - When working with large dataset, the 'Generate Near Table' tool returns duplicate records differently depending on the parameters set
- NIM065713 - Skyline tool results are not correct for some models.
- NIM065763 - Reject Fraction in the Maximum Likelihood Classification does not appear to be used when the classification is performed.
- NIM067017 - ArcPy local function tools do not accept a Mosaic dataset layer in the TOC as input.
- NIM067426 - Reconcile error: "The operation was attempted on an empty geometry" when reconciling specific version by object in favor of the edit version.
- NIM067430 - The IWorkspaceEdit.StartEditing method takes more time to complete with a version 10 File Geodatabase than with a version 9.3 File Geodatabase.
- NIM067708 - When composite locator is created in the ArcSDE database, long property names cause it to fail.
- NIM067950 - Running the Fuzzy Membership tool, with the membership type set as a variable parameter within a model, causes ERROR 999999.
- NIM067956 - Large multipatch feature classes cause performance issues in ArcGlobe and navigating through the globe document causes ArcGlobe to crash.
- NIM068082 - Unable to define the Z and M domain extents of feature classes within a feature dataset in the Schema Generation Wizard.
- NIM068279 - ArcGlobe crashes when symbolizing the point feature class with large amount of symbols.

- NIM068438 - Mosaic datasets are not recognized in the Iso Cluster tool.
- NIM068585 - Slow performance experienced when using Intesect Line With Multipatch.
- NIM068647 - The Topo to Raster tool hangs when the default output extent is modified.
- NIM068952 - Synchronizing a one-way replica is crashing ArcCatalog and ArcMap.
- NIM069005 - Synchronization fails while checking in the edits from a file geodatabase.
- NIM069368 - When running the Spatial Analyst > Hydrology > Fill tool and specifying a Z limit, ArcGIS Version 10 SP2 fills less sinks than ArcGIS Version 9.3.1 SP2.
- NIM070075 - While editing ArcSDE Version 9.3.1 data in ArcMap Version 10 SP2, choosing an item of a domain's pick-list returns the error "The value type is incompatible with the field type. [Name]."
- NIM070139 - Geocoding a table with blank values in the address field generates the error message "The index passed was not within the valid range" or "There was an error trying to process this table."
- NIM070167 - DTED (digital terrain elevation data) data stored in a mosaic dataset is not copied into MPK (map package).
- NIM070230 - A marker symbol component of a polygon fill bleeds to the feature envelope when exported to PDF or EMF (enhanced metafile) with the option 'Convert Marker Symbols to Polygons' set.
- NIM070355 - The Polygon to Raster tool with the maximum_area selection is creating nodata areas inside polygons, along the edges.
- NIM070440 - The topology loader fails to load complex parcels; there is a line sequence error.
- NIM070461 - The Region Group tool may produce unexpected output - the data may have an anomaly whereby there are striped bands across the output. This happens when the input is fairly large.
- NIM070859 - Enabling time on a query layer based on a database table crashes ArcMap when two time fields are specified.
- NIM070882 - Layers get removed from the table of contents (TOC) when running a script tool that uses arcpy.mapping CURRENT.
- NIM071299 - Add support to locators for skipping the last character of a word when geocoding. If '380 New York St Redland CA' is typed, without the 's' at the end of Redlands, geocoding should still return candidates.
- NIM071377 - Applying a Military Grid Reference System (MGRS) grid 1:500,000 reference system to a data frame with non-WGS84 datum crashes the software.
- NIM071413 - When a band from a multiband raster is used as a layer input, local functions and operators always treat it as the first band.
- NIM071482 - When reconciling certain versions that are involved in a Parcel Fabric, the error returned is, "Version could not be reconciled," with no extended description.
- NIM071653 - Update documentation on the maximum table length being used as input for geoprocessing tools when an ArcSDE geodatabase is specified as the output workspace.
- NIM071720 - The parcel fabric drop-down list for sub-types returns a blank value in the parcel lines-grid field. (Oracle SDE only)
- NIM071723 - When selecting the option to use refractivity, the Skyline tool fails on certain data.
- NIM071742 - When saving class breaks for a geostatistical layer, the error message returned is "Cannot create the file."
- NIM071755 - File > Add Data From ArcGIS Online window in ArcMap: Suppress the ability to find WMS services from the ArcGIS Online window because adding them into ArcMap from this window is not currently supported. Currently you get an error if you find a WMS service and try and add it into ArcMap.
- NIM071982 - Bloated annotation with a bezier text path does not draw correctly in Mach5.
- NIM072007 - Request to change a line of code in the ARCGIS2FGDC.xml to improve the FGDC compliance of the map projection name, when exporting ArcGIS metadata to FGDC standard.
- NIM072009 - Export metadata to FGDC CSDGM format: when an item's spatial reference uses parameter names that are all lower case, the projection parameters are not exported
- NIM072057 - After encountering a map document saved with a more recent version, ArcMap fails to display in its title bar correctly the name of any further map documents that are opened.
- NIM072123 - Reconciling a version with its parent version corrupts the geometric network connectivity.
- NIM072197 - Values stored in a Float field do not display the correct number when set to display 6 digits to the right of the decimal place.
- NIM072205 - Changing the caption of a menu in ArcGIS Desktop 10 with ICommandItem.Caption property fails to refresh, thus the original caption always remains the same.
- NIM072238 - The network dataset property UI prevents time-aware, but not traffic-aware, evaluators from being added to attribute sources.
- NIM072275 - The Rebuild Connectivity tool fails with a "General function failure" on a specific feature.
- NIM072276 - When called in, Python script MOMA (Multiple Output Map Algebra) processes in the previous version, but fails to execute in ArcGIS Version 10.
- NIM072328 - Reading of the pre-Version 10.1 compressed P---- Japan (See NOTES.-EDITOR) dataset is slow.
- NIM072591 - Using the 'Export to CAD' tool to export a feature class with curves to a DGN results in irregular features.
- NIM072608 - Copy/Paste of a geometric network in a Version 10 geodatabase fails with an "Item not found" error.
- NIM072615 - Attempting to query values stored in a FLOAT field in a file geodatabase results in the following message: "The expression was verified successfully but no records were returned."
- NIM072717 - When creating a new version and switching to it, not all the parcel fabric layers are assigned to the new version.
- NIM072786 - In the Grids and Graticules Designer, XML save does not honor trailing and leading spaces in Anno Group Prefix.
- NIM072938 - Construction Method Error on Parcel Remainder.
- NIM072971 - ArcMap crashes while selecting a custom element after selecting a core (non-custom) element using the Ctrl or shift key in the Layout view.
- NIM073000 - When map tips are enabled, the Hyperlink tool's cursor no longer turns black when hovering over a hyperlinked feature.

- NIM073031 - ArcGIS Online Network Analyst Long Route solver fails with some specific stop locations when using hierarchy. For some other request, the Route solver failed as well.
- NIM073061 - The remainder function needs to cut linear (unclosed) parcels into closed parcels.
- NIM073062 - Ensure parcel area units confirm with the plan settings and do not change.
- NIM073066 - Failed to reconcile a version because the line segment had been flipped. "The geometry corresponding to an edge element may not be zero length. [class=NE.TRANSMEDIA, oid=97224]"
- NIM073202 - Importing COLLADA files that contain mipfilter tags can fail.
- NIM073214 - When using the Construct from Parent editing workflow with the Parcel Editor, line-point creation fails when the parcel has a large shape std. error.
- NIM073519 - Tracking Analyst does not display events located at latitude 0, longitude 0 in WGS 1984 datum.
- NIM073552 - Shape.M in multipoints is processed incorrectly.
- NIM073634 - CMYK color values for Picture Symbols change value on export to PDF.
- NIM073679 - Importing a data change message after edits are made in the parent results in the following error: Import Changes failed...The workspace is not connected.
- NIM073771 - Zonal Histogram produces incorrect results when the zone is set to a string field.
- NIM073838 - Zooming in for one particular personal geodatabase feature class, all features disappear from ArcCatalog or ArcMap.
- NIM073877 - Contour with Barriers - # in File Containing Contour Value Specifications returns an error (good in Version 9.3.1, broken in 10).
- NIM073959 - Spatial Dispatch should not remove vertices.
- NIM074339 - ArcMap does not draw Service Layers in PageLayout when the layer has transparency. (ExportWebMap does not draw images on layout page when dynamically added sublayer exists.)
- NIM074463 - Topo loader fails to import the DELTA value.
- NIM074486 - Scale bar height and text size do not change when adjusting scale bar with ArcGIS Desktop 10.0 Service Pack 3 installed.
- NIM074501 - In ArcGIS Desktop 10.0 SP3, the insert scale bar command no longer adds scale bars in metric units
- NIM074582 - The Cogo importer creates parcels that are not closed, but that should be closed.
- NIM074624 - When panning or zooming in a map document with the reference scale set, representation markers will shift unexpectedly.
- NIM074625 - Annotation or Dimension feature classes that use the new Python scripting should be blocked from being opened using Version 10.0 ArcGIS clients.
- NIM074680 - Opening a network feature class is slower in ArcGIS Version 10.0 than in ArcGIS 9.3.1.
- NIM074691 - Arcpy.Raster.save() should not apply the current environments to the raster.
- NIM074734 - Cannot snap to layers outside the fabric when the ArcSDE version is switched.
- NIM074744 - The Spatial Analyst Abs tool produces incorrect results when the Mask function is applied on top of a mosaic dataset.
- NIM074816 - Relationship class labels are not displayed in the Attribute editing window tree view.
- NIM074823 - Cannot RemoveLayer Web Map Service (WMS) layers because the ArcPy ServiceType information is incorrect.
- NIM074826 - Metadata gets deleted if the title of the metadata includes spaces.
- NIM074828 - Representation editing tools are not working with shortcut to suppress snapping using SPACE while editing.
- NIM074862 - Locator does not display the house number for reverse geocoding before regular geocoding is performed.
- NIM074909 - There are artifacts along the edges of tiles when applying a hillshade function at the service level.
- NIM074919 - In ArcMap Version 10 SP3, custom map elements that do not implement IGraphicsComposite and IEnumElement interfaces crash when their properties are accessed.
- NIM074922 - Error "An invalid SQL statement was used" is displayed when building routes with Spanish language settings.
- NIM074938 - Applying a positive or negative line offset on a cartographic line's symbology on a time enabled feature class' track symbology crashes ArcMap.
- NIM075083 - The time it takes to open a table with many relationship classes has increased when compared to pre-Version 10 times.
- NIM075309 - Gazetteer index building fails.
- NIM075352 - In Version 10 SP3, graphic properties only give 3 measurement unit options for the perimeter and center properties, while in SP2 there are 11 options.
- NIM075383 - Attempting to copy/paste a versioned geometric network from an upgraded Version 10.0 geodatabase to another Version 10.0 ArcSDE geodatabase fails.
- NIM075406 - Cannot dissolve a network dataset containing null street names.
- NIM075478 - The Identify tool can hang ArcGlobe when used with very large city scenes.
- NIM075483 - The Locator produces differing results depending on the locale selected on the user's machine.
- NIM075505 - Need to propagate the M domain of the feature dataset to the underlying M-aware feature classes.
- NIM075506 - Default grid size of feature classes should be zero to bring it in line with how feature classes are created through the Create Feature Class wizard.
- NIM075507 - The M Domain of a feature class is incorrectly assigned the values from the Z Domain on feature class creation.
- NIM075564 - In the Grids and Graticules Designer, cannot create a grid in SQLExpress.
- NIM075570 - In Make Grids and Graticules Layer, segments do not extend when AOI (area of interest) ends on the same interval as the calibrated segments.
- NIM075609 - Topoloader does not orient Origin Connection lines properly.
- NIM075647 - The Raster Calculator does not treat all values from a double variable in ModelBuilder as float data.

- NIM075667 - Shape.M and Shape.Z appear incorrectly in a GA layer in the table of contents.
- NIM075690 - Import XML fails with "geometry cannot have Z values" for geometric network.
- NIM075698 - The Import Mosaic Dataset Geometry tool does not recognize field name in Python.
- NIM075707 - The topo loader should provide an error message when importing unclosed Centerlines parcels and using polygons instead of the lines.
- NIM075731 - The Apply button is not active after custom statistics are imported within the Symbology.
- NIM075732 - Reverse geocoding on hyphenated range addresses fails.
- NIM075752 - The Points To Line tool returns a validation error for derived input in ModelBuilder.
- NIM075756 - Create Parallel Offset does not form all parcels in some cases involving circular arcs.
- NIM075758 - The Geocoding toolbar fails to return a result in some situations where it is incorrectly assumed there are ties.
- NIM075762 - The Feature Outline Masks geoprocessing tool creates heavily simplified/distorted masks for large annotation features.
- NIM075787 - Parcels are automatically assigned a default accuracy if their accuracy category is null.
- NIM075788 - IDs can get scrambled on a shapefile when more than one cursor is open and at least one is recycling
- NIM075789 - ArcGIS 10.0 Service Pack 3 Help File updates for Japanese.
- NIM075795 - Degenerated geometries cannot be saved with ArcSDE. For example, if a polyline link geometry degenerates to a point, the link cannot be saved in an SDE database.
- NIM075805 - ArcMap crashes if the GridIndexFeatures tool is used via ArcPy and a single, referenced layer is passed in, instead of a list (of referenced layers).
- NIM075806 - Arcpy.mapping MapDocument.replaceWorkspaces fails when moving from one workspace to a different workspace when the "to" workspace is not the owner user account.
- NIM075850 - Prevent the fabric reconcile process from crashing when a corrupt FL annotation exists in the database.
- NIM075857 - Designation of ArcIMS content type needs to be supported for FGDC metadata in ArcCatalog.
- NIM075859 - Links disappear from 'TOTID' field of schematic link after applying layout algorithms in Schematics applications.
- NIM075860 - Export metadata to FGDC CSDGM format: after existing 9.3.1 FGDC metadata content has been upgraded for ArcGIS 10, when metadata is later exported again the citation information describing the item will include two copies of the online linkage
- NIM075861 - Export metadata to FGDC CSDGM format: after existing 9.3.1 FGDC metadata content that was synchronized with a vector or raster dataset has been upgraded for ArcGIS 10, when metadata is later exported again the metadata will include two Spatial Data Organization Information sections
- NIM075862 - Export metadata to ISO 19139 format: if both conformance and quantitative test results are provided in the data quality section, quantitative test results are not exported.
- NIM075863 - Export metadata to FGDC CSDGM format: the geospatial data presentation format element in the citation describing a raster dataset type will always be set to raster digital data even if the value remote-sensing image has been selected in the FGDC Geospatial Data Presentation Form dropdown list
- NIM075867 - Export metadata to FGDC CSDGM format: when metadata for a dataset contains citations for cross-referenced resources or source material for the data, the geospatial data presentation format element describing the related resources is not dependent on the dataset's type
- NIM075868 - Export metadata to FGDC CSDGM format: if fees, ordering instructions, or turnaround time information have been provided for a distributor, this information is not exported unless a distribution format or some distribution transfer information has also been provided.
- NIM075869 - Export metadata to FGDC CSDGM format: after existing 9.3.1 FGDC metadata content containing bounding polygon information has been upgraded for ArcGIS 10, when metadata is later exported again the points defining the bounding polygon vertexes are exported incorrectly, causing the resulting file to be invalid
- NIM075870 - When FGDC CSDGM metadata is imported to an ArcGIS item, information describing fields in the source metadata is not imported to the target item's metadata
- NIM075871 - Improve handling of the Use limitations element to account for rich text that may be present for ArcGIS Online.
- NIM075872 - Export metadata to FGDC CSDGM format: the metadata's future review date is formatted as an ISO 8601 DateTime, YYYY-MM-DDThh:mm:ss, instead of as an FGDC CSDGM date, YYYYMMDD, causing the resulting XML file to be invalid
- NIM075873 - Export metadata to FGDC CSDGM format: access constraints pertaining to the metadata won't be exported unless the constraints text begins with the phrase "Access constraints: "
- NIM075874 - Export metadata to FGDC CSDGM format: if both horizontal and vertical positional accuracy information has been provided, these sections are exported in a manner that causes the resulting XML file to be invalid
- NIM075875 - Export metadata to FGDC CSDGM format: if information is provided in both the file decompression technique and format information content elements, the resulting XML file is invalid because these elements are exported in reverse order
- NIM075876 - Export metadata to ISO 19139 format: when an item's metadata includes information describing the values in a raster band or data quality results and units of measure have been specified, the unique value that is calculated and recorded in the gml:id attribute can't be a GUID. GUIDs sometime begin with a number, causing the resulting file to be invalid.
- NIM075877 - Export metadata to ISO 19139 format: if a distributor's information includes both a planned available date and a planned available time period, both the planned available date and the beginning date from the time period are exported. This causes the exported ISO 19139-format XML file to be invalid.
- NIM075878 - When metadata is exported to any standard format, any process steps that are included in an item's lineage should be ordered by date.
- NIM075879 - Export metadata to ISO 19139 format: processes in the geoprocessing history can be marked for inclusion in the item's lineage when metadata is exported to a standard format. When exporting to the ISO 19139 format, two copies of the process are exported.
- NIM075880 - Schematic Node Reduction Rule By Priority crashes ArcMap if a link has no origin or no extremity node.
- NIM075881 - When FGDC CSDGM metadata is imported to an ArcGIS item or is upgraded for ArcGIS 10, if a contact has multiple addresses none of them are transferred to the resulting ArcGIS metadata content
- NIM075882 - Export metadata to FGDC CSDGM format: if topic categories have been provided in the item's metadata, these are exported as theme keywords after any place, stratum, and temporal keywords are exported. This group of keywords is out of order, and cause the resulting XML file to b

- NIM075883 - Export metadata to ISO 19139 format: a spatial reference code that has been provided in an item's metadata won't be exported to the ISO 19139 format.
- NIM075884 - When ISO 19139-formatted metadata is viewed in the Description tab, citation identifiers are not displayed.
- NIM075885 - Export metadata to ISO 19139 format: if an indirect spatial reference is present, an empty SpatialRepresentation section is created in the exported XML file
- NIM075886 - Export metadata to ISO 19139 format: when an XML file has been created to describe a service and the NAP or INSPIRE metadata styles are being used, a service type codespace provided on the Service Details page won't be exported
- NIM075887 - After selecting a process from the geoprocessing history to include in the item's lineage, this option isn't displayed in the Description tab.
- NIM075888 - When an item's metadata includes maintenance contacts that have been provided in the Description tab and saved, those maintenance contacts don't appear in the metadata display
- NIM075889 - When viewing both ArcGIS metadata and ISO 19139 metadata in the Description tab, some elements are labeled incorrectly.
- NIM075892 - Using an Arabic OS, if an item has no thumbnail and you view its metadata in the Description tab, the box containing the phrase "Thumbnail Not Available" is not visible.
- NIM075893 - The display of ISO-format DateTimes is incorrect on an Arabic OS.
- NIM075918 - When a value provided in a tool's metadata is removed from the Summary (Abstract) element on the Item Description page and the change is saved, this content still appears in the Description tab as the summary. However, if you right-click the tool and click Properties, the Description text box on the General tab is empty.
- NIM075919 - An item's metadata isn't updated automatically when you view it in the Description tab if the registry doesn't have a setting indicating that metadata synchronization should take place
- NIM075920 - When portrayal catalog information is provided on the References page, this information is not saved correctly in the item's metadata
- NIM075921 - Rich text must be supported in the Use limitations element on the Overview > Item Description page and the Resource > Constraints page to better support content that can be published with an item to ArcGIS Online
- NIM075922 - When providing address information, the country should be selected from an appropriate list of countries rather than typed into a text box. An "Empty" option must be available in the country dropdown list.
- NIM075923 - The GUID that is generated when you click the Create button on the Metadata Details page isn't saved in the file identifier element.
- NIM075924 - When providing contact information in an item's metadata using the Description tab, the contact instructions element should have a multiline text box instead of a single-line text box to properly handle the information that is typically provided.
- NIM075925 - When using the FGDC CSDGM metadata style, the value Voxel should be included in the Cell Geometry element's dropdown list on the Spatial Data Representation page
- NIM075926 - When using the References page in the Description tab to provide Application Schema content in an item's metadata, the wrong type of input controls are available for the Graphics File and Software Development File elements
- NIM075927 - When ArcGIS is set to use the INSPIRE metadata style, the language dropdown lists used in the Description tab should only include the 23 official EU languages
- NIM075928 - The metadata hierarchyLevel element's dropdown list should only include the values dataset, series, and service for the INSPIRE metadata style
- NIM075931 - If a diagram is opened in a new data frame in ArcMap while the geoprocessing tool UpdateDiagram is executed on that diagram in the same session, then the diagram may end with duplication of the feature layers.
- NIM075932 - When a column of values is described on the Fields page in the Description tab as having an enumerated domain, content that is provided to describe that domain is saved incorrectly
- NIM075936 - The File menu hangs when ArcMap is not able to access ArcGIS Online in Version 10 SP3.
- NIM075947 - Cannot copy/paste or extract data from some dissolved network datasets.
- NIM075955 - When converting a diagram into shapefiles using the Export All Related Features Attributes tool, the last attribute(s) values are sometimes not exported.
- NIM075977 - If a map has mosaic datasets and rasters in a file geodatabase, then mosaic datasets resulting from the Consolidate Layer GP tool do not point to newly consolidated rasters.
- NIM075978 - The options 'Keep inside vertices' and 'Keep first vertice outside' for Geo-Compression do not work correctly anymore.
- NIM075982 - Update by append should not resynchronize all the diagram.
- NIM075989 - The build of a versioned network dataset is very slow.
- NIM075996 - When opening a parcel fabric in ArcMap, hold references to parcel fabric tables, instead of opening and closing them.
- NIM075998 - The Convert Coordinate Notation tool returns WARNING 000585.
- NIM076001 - Zooming to a layer (large data), which is fully cached, crashes the application.
- NIM076009 - Creating a linestring creates overlapping, duplicated line data.
- NIM076013 - Planarize causes linestrings to be deleted if created in a direction opposite to that of the parcel.
- NIM076029 - Different results are generated in the location-allocation solver in French and English operating systems.
- NIM076034 - There is an ArcSDE issue with storage fields when exporting a dataset. Storage fields that are not predefined, of custom queried feature classes, are not populated if created before the feature class is saved in a geodatabase.
- NIM076035 - When using the Measure tool on an image service, moving the mouse around the map generates requests to the image service.
- NIM076036 - The Layer to KML tool can crash when converting data with interior rings.
- NIM076039 - Creating a remainder parcel from an unclosed (linear) parcel fails when radial lines intersect parent lines.
- NIM076051 - ArcMap crashes when a new field is added to a file geodatabase with many existing fields.
- NIM076065 - ITerrainEdit3.DeleteDataSourceData2 crashes when used on a referenced point source.
- NIM076084 - Spatial Join tool returns errors 999998 if the field mapping cannot calculate output field.
- NIM076091 - The Solar Radiation Graphics tool fails when generating a sunmap with "MultiDays 2011 152 181".

- NIM076092 - The azimuths and zeniths of those partial sun sectors were wrong.
- NIM076114 - Unjoining a parcel and then reconciling and posting causes the unjoined parcels to be deleted and the points that are shared in the map to be deleted.
- NIM076115 - There is an issue with Rematch when using a composite that contains a composite - error message is returned.
- NIM076116 - Accuracy of parcels created in the construction environment should be set to NULL.
- NIM076167 - ArcMap becomes unstable and/or crashes when loading many symbols from style files using the StyleGallery object.
- NIM076171 - Stream Order outputs 1-bit raster to TIF and IMG, causing the pixel values to be incorrect.
- NIM076269 - MSD-based map services containing a query layer fail to project features on the fly with the export map image operation in REST.
- NIM076301 - Block the opening of feature-linked annotation when the linked class has 10.1 functionality.
- NIM076370 - 3D Toolbar: with elevation (image) services the tools need to use subset AOIs and display resolution.
- NIM076703 - Reconcile error: "Number of parts in shape is incorrect for its geometry type."
- NIM076953 - Updates to Desktop documentation for 10.0SP4

ArcGIS Engine (6)

- NIM008333 - In ArcReader, using the option to Reposition Lock Area will cause the application to freeze.
- NIM072816 - In ArcReader, all platforms, the full screen icon on the toolbar is not working/displaying correctly.
- NIM074479 - Mark up tools (Red Line tool) no longer work after installing SP3 for ArcReader 10.
- NIM074607 - Enable Find Route to work with 3D networks
- NIM074914 - ArcReader's Toolbar buttons do not lose their selected 'highlights' when the mouse leaves the icon or when another icon is selected.
- NIM075668 - Stops cannot be saved to a feature class when using a 3D network dataset.

ArcGIS Server (17)

- NIM057560 - ArcGIS is not compliant with WCS 1.1.0 and 1.1.1 for the "identifiers" in DescribeCoverage request
- NIM061217 - After publishing a map service using an MXD, the service does not start, but MSD-based map services work on machines using ATI Rage XL video cards.
- NIM064410 - Annotations with CJK character orientation enabled are not drawn correctly in basemap layers or MSD based services.
- NIM064521 - Mapservices sourced from map documents with layers that have defined vertical coordinate systems, output improperly transformed vector KML during the required datum transformation to WGS84.
- NIM068797 - ArcGIS Server map service previews display in ArcCatalog Version 10 slower than in the previous versions.
- NIM070092 - The create tiles on demand process generates tiles much slower for MSD-based map services, compared to MXD-based map services.
- NIM071481 - The Manage Map Server Cache Tiles tool does not track the completion status of features properly after the first encounter with a failure to manage tiles. The status field is not calculated with a value, and the status for all remaining feature IDs is also not calculated with any value.
- NIM073122 - The MinX and MaxX coordinate values for a bounding box substitute the values of MinY and MaxY and vice versa in the WMS connector capabilities_1_3_0.xml file.
- NIM073774 - Integer values with more than 10 digits cannot be entered in a double field for a feature service layer while adding/updating features from REST.
- NIM073963 - WMS Service performance is poor when publishing multiple raster data types from large unmanaged raster catalogs.
- NIM074827 - Labels are not displayed in MSD (optimized map service) based KML Service if the KML is generated with layer option "Vector layers as vectors and raster layers as images" to return vectors from the service dynamically.
- NIM076055 - Inherited domains are not listed for types when the data does not have subtypes.
- NIM076068 - Sanitize user input before writing to the HTML pages in the Services Directory for NA Solve Route, ServiceArea and Closest Facility operations.
- NIM076069 - Service Directory page for Geoprocessing Execute task shows quotes with escaped characters ("). This will cause subsequent requests using the same input data to fail.
- NIM076070 - Do not include pixelType in exportImage request to ImageServer if the request does not include the pixelType parameter.
- NIM076122 - Geotransformations fail if the layer's vertical coordinate system differs from the layer's coordinate system.
- NIM076142 - Integer values with more than 10 digits cannot be entered in a double field for a feature service layer, while adding/updating features from REST.

ArcSDE (6)

- NIM046834 - ArcSDE hangs while doing telnet with SDE port.
- NIM051569 - 'Invalid SQL statement' should return an appropriate error message on Oracle SDE database when ITable.Select and ISelectionSet.Select functions are used.
- NIM072441 - ArcSDE Java API application goes into hang mode in Websphere 7.
- NIM074420 - Copy and paste of geodatabase feature class to ArcSDE results in crash of ArcCatalog.
- NIM074798 - ISpatialFilter with SpatialRelDescription = "*****" is giving incorrect results on ZAware features/layers in ArcGIS 10 sp3.
- NIM076052 - Memcpy() of overlapping areas leads to "coordinate out of bounds" and "ring not closed" errors.

Other (16)

- NIM052294 - Unable to render a raster based on a joined attribute when using the Classified Renderer.
- NIM059854 - Subtypes revert back to Default value after synchronizing the mobile cache.

- NIM061722 - "ISpatialFilter::SpatialRel::esriSpatialRelIntersects" gives incorrect results with the File geodatabase.
- NIM066704 - ArcMap crashes when adding certain .hdf files.
- NIM067762 - The Clip tool gives an output image with pixels that are out of the polygon boundary.
- NIM069936 - The Create Mobile Map cache tool ignores definition queries when creating a mobile cache with annotation layers.
- NIM070294 - Tiff image created with a custom application displays correctly in Version 9.3.1 but not in Version 10.
- NIM071737 - Allow for map service cache to be recognized as a 3 band image for use as an overview in a mosaic dataset.
- NIM072248 - Out of server memory or ArcGIS Desktop crash is encountered when running the Split Raster tool on a large raster dataset.
- NIM072446 - Mosaic dataset does not refresh properly when a raster is added if the mosaic dataset contains a function.
- NIM072834 - Importing unique value symbology from one raster to another crashes ArcMap.
- NIM073219 - Spatial extent information is not read correctly from an ERS header file.
- NIM073236 - Some TIFF images show invalid extents (- 1, #QNAN) in ArcGIS Desktop 10 service pack 2
- NIM073250 - The rendering time is longer in ArcGIS Version 10 Service Pack 2 when the map document contains a large number of TIFF images from multiple folders.
- NIM074939 - Intersect 3D Line With Multipatch fails when run programmatically
- NIM075601 - ArcMap crashes when exporting colormap from a raster catalog.