ArcGIS 9.3.1 – Issues Resolved List

ArcGIS 9.3.1 contains critical fixes and new functionality. It is recommended that all users upgrade to 9.3.1.
A complete list of the issues that have been fixed in this release is available here.

ArcGIS Desktop

• NIM000375 - "Intersecting Layers Masks" tool crashes ArcMap when using a line features with dense features.

• NIM004513 - VB calculations using the codeblock parameter fail in Python.
• NIM005977 - Sample tool produces incorrect output for specific dataset.
• NIM007295 - Spatial Join GP tool produces empty output when input feature classes participate in a Geometric Network.
• NIM008452 - Find tool returns error while searching numeric values from attribute tables either in ArcCatalog or ArcMap.
• NIM009356 - Font names duplicated in Font field of Text Symbol section > Event Attributes tab within Tracking Analyst Global Settings Property dialog box.
• NIM010524 - Add options to preserve polygons and portions of polygon boundaries.
• NIM010586 - Feature to Raster tool is producing a signed integer raster when it should produce a floating point raster.
• NIM011259 - ArcMap should draw the entire screen instead of just a portion of the screen when the map contains a map service layer (ArcGIS Server Map Service, ArcIMS Image Service or WMS service). Otherwise, ArcMap may display multiple labels.
• NIM011281 - The "Annotate Selected Features" does not work with any of the Editors logins in 9.1 & 9.2 ArcSDE SQL Server.
• NIM011457 - Certain features fail to display coded value description on ArcSDE 9.2 SP3 with Oracle.
• NIM012399 - The Default ArcGIS online Globe Layers do not have a valid Extent.
• NIM012409 - We should not require the user to have write permissions to data on a parent for a 1-way replica
• NIM013318 - 'Same as Display' Environment Setting for an extent is not honored in the Raster Clip Tool if the input raster is added first and then the extent is set.
• NIM032617 - An error occurs when reading a *.gsg file in Maximum Likelihood Classification. This could be data specific.
• NIM033262 - Using esriRSPPreserveOnSmallest for IFeatureClassEdit::CustomSplitPolicyForRelationship fails, while esriRSPPreserveOnLargest works.
• NIM033310 - The GP tool 'CalculateFields' against ArcSDE data takes more time than a shapefile file and a file geodatabase.
• NIM034121 - Running Feature to Line tool on feature class with elliptic arcs in Unix generates incorrect output.
• NIM034387 - Some multi-part representation markers do not create proper feature outline masks.
• NIM034571 - The Directional Distribution Tool produces error when "Case Field" option is used for tool parameters.
• NIM034722 - When using a Cadastral Fabric, navigating to relationship tables by way of the identify window may result in slow performance.
• NIM034755 - Getting prompted to save unnecessarily in Model Builder.
• NIM035094 - The Interoperability Connections and Formats Gallery dialog boxes do not display the correct title strings in Windows 2000 and Windows Server 2003.
• NIM035426 - In a disconnected setup, importing .xml file into the child database created by 2-way replica fails with the error: Import xml data failed. Objects in this class cannot be updated outside an edit session. The operation was attempted on an empty geometry.
• NIM035527 - Exporting an event layer with field names that contain a comma cause ArcMap to crash.
• NIM035806 - ArcCatalog UI: Allow the "Save Username and Password" check box in New Spatial Database Connection to be permanently disabled.
• NIM035996 - Statistics from the current display extent are not saved in XML.
• NIM036126 - Very large Spatial ETL tools will cause ArcGIS to crash when they are viewed in ArcGIS.
• NIM036187 - Pan in ArcMap leaks memory with Compressed Data File data.
• NIM036270 - Every other time you run the USGS MP Metadata Translator with anything except XML files, the tool will fail with the error "The process cannot access the file 'C:\Documents and Settings\aleta\Local Settings\Temp\translator_source.xml' because it is being used by another process."
• NIM036401 - Switching selection on raster attribute table will crash ArcMap if the section contains more than half of the records.
• NIM036417 - Importing Changes for Disconnected Replication fails when relationship class exists and field is not NULLABLE for DB2.
• NIM036470 - The Editing "Merge" command fails on a feature class having a geographic coordinate system in a map whose data frame is projected.
• NIM036618 - Selected features in an attribute table are not cleared when the 'Clear Selected Features' tool is used on integer rasters.
• NIM036774 - ArcMap crashes without error when using backspace key during editing of attribute table values.
• NIM036936 - ArcMap crashes in an edit session when closing the attribute table after attempting to add more characters to a text field than the schema allows.
• NIM037021 - Cursor usage for creating adjustment vector data was minimized to improve performance.
• NIM037219 - Select by location with 'Use selected features' checked fails to return the results using ArcGIS 9.3 with data stored in ArcSDE 9.2.
• NIM037226 - WCS Capability, 'Use external capabilities files', example is not consistent.
• NIM037757 - ArcGIS prompts the user unnecessarily for credentials when connecting to an ArcIMS service through a proxy server configured to use NTLM and when a HTTP snifter (like Fiddler) is active on the machine.
• NIM037894 - Validating some models that were created in 9.2 crashes ArcCatalog 9.3.
• NIM037933 - Rasters cannot be displayed in correct location if the associated auxiliary file (.aux) contains a 3rd order polynomial transformation that is defined in ArcGIS 9.1 or earlier versions.
• NIM037939 - Project Raster tool returns an error when using multiple transformations.

- NIM037956 - Check tolerance values shown in the LSA report are not reported in the units of the data frame's coordinate system.
- NIM037985 - ENHC: Allow users to create 2D billboarded text, which does not have a fixed screen size.
- NIM037999 - Import Replica Schema gp tool fails: ERROR 000582: Error occurs during execution when trying to import schema changes.
- NIM038007 - Compare Replica Schema tool fails when comparing schemas between SDE and file geodatabase.
- NIM038073 - Add checks for invalid geometry to Standard Distance and Standard Deviational Ellipse tools.
- NIM038074 - The OLS tool fails when the input feature class has a JOIN.
- NIM038121 - When a feature class in a file geodatabase contains a definition query with the syntax using a fully qualified field name (e.g., "parcels_a.SCENARIO = 'Proposal A'"), ArcMap crashes when editing the feature class.
- NIM038143 - Creating a new feature using Trace on a particular feature crashes ArcMap.
- NIM038205 - The Field Calculator needs to be enabled for the Shape Field, not just for data that is m- or z-aware.
- NIM038225 - Geocoding an address to a line feature with excessive vertices causes ArcMap to crash without error.
- NIM038301 - Changes made to labels on stretched renderer under Symbology tab of raster dataset fail persist after saving mxd.
- NIM038369 - Extract Data crashes ArcMap when Cadastral Fabric is not in the map.
- NIM038375 - Cannot reconcile more than 300 edits when feature classes participate within a topology and edits are not saved first.
- NIM038571 - Issue with labels rotating in certain circumstances.
- NIM038576 - Provide the functionality of using the Line Points Tolerance when joining parcels.
- NIM038592 - Graphic elements are disappearing or being moved to the back in layout view after opening the image properties window.
- NIM038601 - GP Add Join tool used to allow join functionality on table that did not have OID field (9.2). Now in 9.3, it does not; it requires OID field for join.
- NIM038631 - The ITable changesTable from parameter from the AfterSynchronizingDataChanges event only includes inserts when it should include inserts, updates, and deletes.
- NIM038691 - Aspect symbology on a TIN layer misses labels in both ArcMap and ArcScene.
- NIM038708 - When calculating geometry (length) the option to check "Add unit abbreviation to text field" results in decimal degrees instead of the selected unit.
- NIM038756 - Unable to use data from multiple geodatabases in SQL Express for geoprocessing operations and exporting.
- NIM038855 - Using ArcCatalog to restore a SQL Server Express geodatabase fails if the location of the original database files is not accessible.
- NIM038943 - Subtype domains are not refreshing when editing through the editor attribute dialog after changing the subtype.
- NIM038979 - Using the Rebuild Connectivity tool over an area with no features discards the Map Cache.
- NIM038993 - Cost Distance tool in ArcGIS Desktop 9.3 takes several times longer to finish than ArcGIS Desktop 9.2 (SP6).
- NIM039024 - Excel files that contain field names that have certain special characters will not export properly using Table To Table.
- NIM039127 - Valid numbers for the Distance parameter are positive. If a negative number is entered, an error is triggered and ArcMap closes.
- NIM039205 - If symbology on a layer that has a join is changed to use representations, joined attributes are no longer visible in the Identify window, although they are fine in the Attributes table.
- NIM039207 - OLS does not create output when workspace set to a file geodatabase.
- NIM039228 - Buffer tool fails when using negative buffer field values.
- NIM039233 - IGPUtilities2::DecodeRasterLayer Method fails if the Table of Contents (TOC) has a feature layer with the same name as the raster layer and the feature layer is above the raster layer.
- NIM039250 - Replica system versions are not removed when syncing a 1 way or 2 way replica connected.
- NIM039258 - All CAD to CAD conversions through Data Interoperability cause an error.
- NIM039285 - Can get invalid spatial index grid error when exporting DC to a delta filegdb.
- NIM039347 - SelectionIDs on a gpReplicaDataset not being honored at replica creation time.
- NIM039439 - If a feature class has the same name as the FeatureDataset, any edits are not getting synchronized.
- NIM039522 - Near incorrectly calculates squared distances when lines or polygons are input feature and point is near feature.
- NIM039660 - Relationships (InMemory or persisted) fail to find related objects if built on a date field.
- NIM039689 - Version names over 54 characters created by O/S authenticated non-admin users will cause buffer overrun error when accessed.
- NIM039721 - UI removes date fields from list of possible fields to use in a relationship class.
- NIM039722 - For Geodatabase objects update implementation of clone to use New rather than CoCreate.
- NIM039726 - Workspace to Geodatabase GP sample tool fails to complete and results with an error.
- NIM039728 - Workspace to New Mosaic GP sample tool fails to complete and results with an error.
- NIM039730 - Workspace to New Raster Catalog GP sample tool fails to complete and results with an error.
- NIM039773 - Extract Values to Points tool does not honor selected features in 9.3 as it did in 9.2.
- NIM039929 - A custom raster format created with *.DEM extension conflicts the usage of USGS DEM rasters at the same time in ArcGIS Desktop.
- NIM039934 - Results are bad when the request for a WMS service layer takes too long or times out.
- NIM039943 - In certain cases where the input feature class has too many features, the GP Identity tool gives incorrect results with no error.
- NIM040079 - IValidate::GetInvalidRulesbyField causes the application to crash.
- NIM040109 - Vertical scroll bar in Table View won't scroll past record 2048.
- NIM040111 - If a line is inversed, it needs to copy/use all the fields from the source line in its creation.
- NIM040153 - Selected features of MDB and SDE feature classes are not respected by the Network Analyst Add Locations GP tool.
- NIM040156 - Unable to add NITF raster data in a Linux environment.
- NIM040200 - An instance of Finish Job on GCS fabric is not creating geometry.

- NIM040202 - Hot Spot Analysis with Rendering tool yields different results when input feature class contains null values.
- NIM040228 - Feature Class to Coverage requires admin privileges.
- NIM040235 - Unable to run a Python script that runs the SynchronizeChanges task from an SDE database to a file geodatabase through the command line.
- NIM040237 - Suggestion to populate Unique Values list box with all table records read into memory when the Cancel button is pushed.
- NIM040247 - A memory leak occurs when changing versions and a map document contains a dimension feature class.
- NIM040250 - Quantity of Dot Density symbols increase when panning map.
- NIM040275 - A crash occurs when changing to a new geometric effect from one that has field mapping enabled.
- NIM040288 - An error is received when trying to import a replica schema change into a 1-way replica child that resides in a file or personal geodatabase.
- NIM040312 - Encountered ORA-00936 error on running a utility network trace on a versioned Geometric Network.
- NIM040331 - The code for rebuilding a network during a replica sync tries to query the database with a very large where in clause.
- NIM040354 - Unable to check in 20,000 new features when GlobalIDs exist.
- NIM040433 - ArcCatalog cannot connect to a secure Internet connection from .NET Server when Secure Sockets Layer (SSL) uses client certificates.
- NIM040444 - The Merge tool dialog's field map parameter resets input field ordering when run.
- NIM040445 - Merge tool field mapping control has problem with NULL field values.
- NIM040446 - Merge tool allows non-existent output location without error or producing output.
- NIM040460 - Projection on the fly causes pie chart symbology to bleed color from the pies when the map is exported or printed.
- NIM040493 - When using 'Repair Data Source' in ArcMap, fixing one raster layer does not automatically fix the other broken layers if rasters are in a Group Layer.
- NIM040501 - Pie Chart Symbology with Projection on the Fly is broken at 9.3 Service Pack 1.
- NIM040528 - When running print statements in Python they will be ignored if the gp.FeatureClasstoShapefile() tool is used. This is for print statements after the tool.
- NIM040556 - ListInstallations() will not list the Java Server, which also means that GetInstallInfo does not see the Java Server.
- NIM040567 - A model created from the "Start ModelBuilder" icon in the Standard toolbar cannot be saved to a toolset within a toolbox. Furthermore, the entire model is lost when the model is closed after saving this way.
- NIM040663 - Memory leaks when deserializing a polygon or polyline from XML.
- NIM040664 - When using the Apply Symbology from Layer tool to apply a range layer from one feature class layer to another, the layer is correctly rendered; however, the values displayed under the 'range' column in the Symbology tab are incorrect.
- NIM040734 - Count field of RAT should accept values that are greater than two billion when the raster is in a file geodatabse or IMG.
- NIM040749 - OLS should be available at all ArcGIS license levels.
- NIM040784 - In ModelBuilder, Merge tool's output cannot be set to 'Managed'.
- NIM040824 - Synchronization fails with 'system error'; the export XML tag was missing and incomplete.
- NIM040828 - The Generate Network Spatial Weights tool may run out of memory with more than about 5000 features.
- NIM040830 - Cannot read the updated spatial reference of a raster dataset for a certain format if the spatial reference has been defined in version 9.2 in .aux.xml with an old tag.
- NIM040851 - Global Moran's I tool will fail with a memory error with large datasets and lots of neighbors.
- NIM040853 - When using a Cadastral Fabric, tables are not properly updated when deleting extended attributes.
- NIM040879 - When importing from projected to GCS fabric, incorrect COGO attributes are calculated.
- NIM040880 - Using the Cadastral Editor, the Delete Line Point Tool doesn't behave properly at 9.3, and 9.3 SP1. In some cases, parcels are marked as Unjoined.
- NIM040881 - When inversing lines attributes for merged lines (as in line points), the import needs to use the whole segment, not the last segment.
- NIM040882 - When zooming in/out polygons disappear because strict-on-demand tile fetching is set to true. When navigation stops, the features are displayed again.
- NIM040883 - Domain values on extended attributes are not properly displayed in UI.
- NIM040885 - Continuous flickering of the ArcGlobe window when it was resized by dragging one of its corners to make the window bigger or smaller.
- NIM040891 - Display of extruded features with the following combination of layer properties has been fixed in ArcScene: 2d lines and 2d polygons + offset + extrusion ("value that features are extruded to" option).
- NIM040892 - Display of extruded features is not correct. Here is the combination of layer properties that causes the issue: 3d lines and 3d polygons + offset + extrusion (all options EXCEPT "base heights").
- NIM040893 - Display of extruded features with the following combination of layer properties has been fixed in ArcScene: 2d lines and 2d polygons + draped on a surface + offset + extrusion (minimum and maximum heights option).
- NIM040906 - In certain situations, model builder disappears after hitting Cancel on the Save dialog box.
- NIM040909 - Creating a check out replica from server times out after a minute if the checkout is to a new geodatabase.
- NIM040922 - Missing error handling condition on call to stop edit operation when committing the database transaction.
- NIM040923 - If the workspace is unable to close a versioned geodatabase state, the edit session for the workspace must be marked as unsaveable.
- NIM040938 - Radial Lines are dropped and being re-created for any parcel edit performed.
- NIM040941 - The Add Temporal Data Wizard now allows the user to filter the data being imported.
- NIM040943 - Expose in UI data entry in Imperial Feet and Inches from GSE.
- NIM040955 - The Data Clock Wizard works in all languages.
- NIM040956 - Setting a definition filter in the properties page of a Tracking Layer will not cause a crash.

- NIM040957 - Users can create layer actions for two different layers in the same map that are tied to the same live data feed.
- NIM040959 - Tracking Analyst layers correctly scale point features using the Mercator projection.
- NIM040978 - Turning the Time Window on and off repeatedly in a Tracking Layer is more robust.
- NIM040980 - In the Tracking Analyst Playback Manager tool, setting start time to the same value as the end time does not cause any problems.
- NIM040981 - Connecting to a real-time tracking data feed that produces no messages no longer causes the Playback Manager to behave abnormally.
- NIM040982 - When localized, Tracking Analyst no longer crashes when switching between tabs in the Properties panel.
- NIM040983 - Playback manager keeps up with user-driven mouse activities even when dealing with large sets of data.
- NIM041028 - In ArcGlobe, Labels for "most current features in this layer" do not show up.
- NIM041029 - Fixed compatibility issue of Tracking Playback Tool state, when persisting tracking layers to file while the tool is open.
- NIM041146 - After installing Service Pack 1, ArcIMS 9.3 ArcMap Service accessing data from SDE, performs drastically slower because it resets the SDE connection for each request (Recycles gsrvr process for each GET_IMAGE or GET_FEATURES request).
- NIM041191 - At 9.3, map layers map not remain checked in the map topology dialog if they have vertical coordinate system differences.
- NIM041192 - In ArcGIS for AutoCAD, if you define a field of type SHORT core, ArcGIS incorrectly reads it as type LONG.
- NIM041193 - Default field values from ArcGIS for AutoCAD User defined fields are not being read by core ArcGIS.
- NIM041218 - Improve Make WCS Layer and Make Image Server layer tools to take URL as input.
- NIM041219 - Export to CAD needs to modify the behavior of working with empty Feature class as to function correctly when the CAD file is consumed by ArcGIS for AutoCAD. It needs to add a default layer to the ArcGIS for AutoCAD file.
- NIM041220 - When tracing a specific Bezier curve, ArcMap will crash.
- NIM041221 - Trace tool is crashing ArcMap in certain cases.
- NIM041267 - With ArcGlobe, interactive selection of rasterized features (points, lines and polygons) using the Select tool is not working.
- NIM041487 - The Make Query Table tool fails on query for file geodatabase data, but works fine on personal geodatabase version.
- NIM041526 - The 4th band of JPEG2000 image should be not displayed as alpha channel automatically.
- NIM041527 - Turning the visibility of a group layer off makes a sublayer unselectable by Representation selection tools.
- NIM041528 - Classified renderer for raster catalog is crashing ArcMap when you check on the 'show class breaks' check box.
- NIM041531 - Update the name and target URL of the command used to add ArcGIS Online content into ArcMap and ArcGlobe. Also updates context sensitive help for this command.
- NIM041542 - Two or more symbol properties that are mapped to the same attribute field will not synchronize their display when one of the properties is updated.
- NIM041543 - Response time of the representation selection tool is impacted by number of selectable layers and group layers.
- NIM041544 - Changing override field values results in millimetre values being converted to points.
- NIM041572 - Some NITF files do not display in ArcGIS, they show only NoData. There is a problem with the extents being reversed. If the files are loaded into ArcMap and the ID is used (clicking on the middle of the data frame), there is nothing but NoData values being returned.
- NIM041582 - Need to optimize the Version Changes Viewer to allocate nodes based only on change classes.
- NIM041666 - Representation Direct Select tool is not showing a selected vertex for marker symbols on a point feature class.
- NIM041668 - Changing the data source of layer rendered with Representations from an SDE connection to a GDB results in an unknown representation class being listed.
- NIM041670 - Changing the Representation Rule from the Attributes tab of the Attributes dialog box do not result in a refresh of the selected marker features.
- NIM041672 - When using the Cadastral Editor, certain data fails extraction into a Cadastral Job.
- NIM041674 - Finishing a Cadastral Job doesn't update (persist) Control Point changes in the database.
- NIM041676 - Some Cadastral XML files cause an endless loop on Finish Job.
- NIM041678 - When programmatically obtaining the Cadastral extension in ArcCatalog, it is available with the name "Snap : Point", which is incorrect.
- NIM041680 - When using ICadastralImporter, the ICadastralImporter - Import method will crash if a step progressor has not been defined.
- NIM041686 - Export dataset is not exporting diagrams created using the XML Builder configuration.
- NIM041689 - Performance issue when a diagram has a lot of labels.
- NIM041692 - Unable to correctly configure a Formatted Attribute that includes a Script Attribute.
- NIM041695 - Incorrect error message on the associated feature class dialog box.
- NIM041698 - Schematics is not properly handling the VRP solver from Network Analyst.
- NIM041701 - Direct Select tool is unable to move vertices from subjacent features when another selectable layer appears above it in the Table of Contents.
- NIM041704 - The Representation Rotate tool is generating incorrect angle values after a rotation.
- NIM041745 - ITable.DeleteSearchedRows attempts to execute the TRUNCATE TABLE command when a query filter parameter is null or when the WhereClause is empty.
- NIM041753 - Drawing a box with the Identify tool around a group of representation features does not return the correct number of features.
- NIM041754 - Using an invalid count value, such as a negative count, results in a crash. The method should catch this and error gracefully.
- NIM041785 - ISQLSyntax::ParseColumnName does not work correctly if the column is specified in the form streets.sdc:streets.NAME.
- NIM041787 - In 9.3 Spatial Dispatch is losing the vertices for links connected to nodes being moved.
- NIM041788 - ArcGIS 9.3 is losing vertices during Copy/Paste, Save As, and Copy Layout.
- NIM041789 - Setting the connection info to a server connection crashes the calling application.
- NIM041827 - Xml export wizard fails to export a workspace in .ZIP and .Z format. The file is being saved with an .xml extension.
- NIM041846 - Rebuild connectivity when syncing a replica should create the log file outside of a transaction.

- NIM041849 - Reconcile with the Child Wins option fails with "The feature is deleted".
- NIM041886 - IGeometry.GeoNormalize does not work correctly for polylines.
- NIM041897 - Cache cell size for grids is not being set to the correct value; the cell size is too small and consequently generating full caches for these rasters now takes a long time.
- NIM041899 - Radial Basis Functions produce incorrect results when an elliptical search neighborhood is used.
- NIM041969 - Select by location fails in a full extent when true curves exist in ArcSDE.
- NIM042026 - Weighted overlay changes 'Nodata' to 'Restricted' in scripting or the command line, and results are incorrect.
- NIM042058 - Digital Nautical Charts (.KAP files) from NOAA are projected to Mercator meters, but ArcMap reads the units and projection definition as GCS_WGS_1984 with units in decimal degrees.
- NIM042136 - ArcMap crashes during a synchronize changes process after a deleted record from a previous synchronize is re-inserted as a new deleted record in a subsequent synchronization.
- NIM042171 - With Regional and Language Options on the computer set to Hebrew, editing table in ArcMap fails with "Could not load data from the data source...".
- NIM042332 - ArcMap may crash when clicking the Standardize button in the Find dialog box with an ArcGIS Server locator based on a composite locator.
- NIM042686 - After using the Select by Attributes dialog box in a version, and changing to a different version, it is not possible to delete the prior version that was being used.

ArcGIS Engine

- NIM004013 - Request for functions/methods that suppress the TOC from refreshing when the Map refreshes.
- NIM037644 - TOCControl does a full refresh when layers with scale threshold set are turned on as map scale changes.
- NIM039097 - Toolbar control does not display correctly when added to an MDI Child form.
- NIM039741 - 'Go To XY' command within the globe control application template gives an error on Vista machines.
- NIM039955 - Layer transparency set in the MapControl's map is not reflected in ArcEngine TOC control.
- NIM040073 - Enabling dynamic display repeatedly using a batch file results in error.
- NIM040091 - The Record Set control failed to respect default values and domains from the source schema.
- NIM040272 - When using a Dynamic Display with the Mercator projection everything south of the equator disappears at certain scales.
- NIM040958 - Engine developers may add elements to the Table of Contents using functions in the ITemporalRenderer2 interface.
- NIM041545 - Integrate the ArcGIS Snippet Editor into the IDE Integration project.
- NIM041954 - Redefinition warnings on CPP (Linux) samples.

ArcGIS Server

- NIM003507 - Enhancement Request: Please provide a way to change the text label of the Scalebar Web control.
- NIM003664 - Allow WMSMapResource to connect to WMS services requiring a username and password over HTTP authentication.
- NIM004618 - Several tasks and controls do not show descriptions for each property in the Visual Studio Property Window.
- NIM004637 - Manager becomes unresponsive when log files are located on a machine inaccessible to the Manager application.
- NIM006384 - ArcGIS Manager fails intermittently in a distributed ArcGIS Server configuration.
- NIM007465 - ArcGIS Server compliance with IPv6.
- NIM007875 - Selection, PanTo, and ZoomTo results do not work when the Shape column is set to be invisible in the MXD for ArcGIS Server resources.
- NIM009642 - GetFeatureInfo with an ArcGIS Server WMS service does not honor a feature layer's definition expression.
- NIM010780 - The Measure tool is displaying inconsistent results.
- NIM011278 - Server Manager should allow to change the default AND logical operator to the OR operator when configuring a Query Attributes task with multiple expressions
- NIM012032 - Provide a way for the OGC/WMS datasource in the .NET Web ADF to include only a subset of layers from a WMS service.
- NIM012084 - Configure the ArcGIS Server to include a defined set of layers from a WMS service (Java).
- NIM012527 - Map tiles sometimes align incorrectly.
- NIM031345 - Change the GeocodeResourceItem design time to query for default properties such as MinCandidateScore and MinMatchScore from the geocode service.
- NIM031392 - Provide capability to configure Server Object Extension (SOE) through Server Manager application.
- NIM031496 - Log files are not accessible by way of the Server Manager when the ArcGIS Server Object Manager service is stopped.
- NIM032627 - Need to optimize the ColorPicker control.
- NIM032750 - The display format of Date data types in an ArcGIS Server Java ADF Web Application is inconsistent.
- NIM033099 - Calling WebQuery.query() results in OutOfMemoryException for layers with features that have many vertices.
- NIM033707 - When running an ArcGIS Server or ArcIMS Web Application on Solaris 10, the following error message is returned to the Sun One Web Server 7 error log file: "service-j2ee reports: PWC4011: Unable to set request character encoding to UTF-8 from context , because request parameters have already been read, or ServletRequest.getReader() has already been called".
- NIM035259 - Adding multiple text values on WebTrueTypeMarkerSymbol sometimes causes wrong characters to appear.
- NIM035570 - Blank values are not handled correctly in a query task.
- NIM035577 - Tabular results print differently in Firefox than IE.
- NIM035588 - Applications containing the Print Task and including a table result in the print layout fail when running in StateServer mode.
- NIM035594 - Feature set inputs that are enabled for Z and M will fail with a vague 'Failed' error.
- NIM035595 - The snap vertex displayed when holding down the S key is slightly offset from the correct spot in Firefox browsers.
- NIM035597 - After panning the Map, the Snap vertex displayed when holding the S key gets offset from the correct location.

- NIM035605 - When the Show Details section is open on the Add Layer dialog box, GIS Servers cannot be removed.
- NIM035613 - Clarify Web Mapping Application readme.txt instructions about the Overview Map and Map Resource Manager.
- NIM035626 - Rerunning a task in an application after a full postback will replace the existing results in the Task Results Panel.
- NIM035628 - When using the 'Add New Service' wizard to create a new geocode service, the Location property displays the string 'null' by default.
- NIM035632 - When the Magnifier is configured with Expanded = False, it does not render an image when expanded at runtime.
- NIM035647 - The Clear All link in the Task Results panel does not remove the graphics from the map when using StateServer mode.
- NIM035654 - Existing custom formatting cannot be modified when editing an Application in Firefox.
- NIM035907 - Image Server does not compress data when sending WCS request with format specification.
- NIM036328 - The LYR file that gets automatically generated by the REST Services Directory for map and globe services, so they can be launched in ArcMap or ArcGlobe, does not have its Description and Credits fields populated like it should.
- NIM036388 - ArcGIS Server should be able to access secure WMS services.
- NIM036398 - ArcGIS Server for Java platform should be able to access secure WMS services.
- NIM036513 - Unable to blend caches that have square and rectangular tiles respectively.
- NIM036611 - Allow the map to be navigated using the map navigation tools, keyboard, mouse, and the use of other tools/commands in the middle of an edit session.
- NIM037095 - The Generate Map Server Cache tool runs in a script without error when the name of a map service that does not exist is used for the object_name parameter.
- NIM037097 - If a map document has multiple dataframes, running a geoprocessing script using the Generate Map Server Cache tool and/or the Update Map Server Cache tool will not honor the data_frame parameter if it is not the active dataframe in the mxd.
- NIM037537 - GraphicsDataSet.Tables.Clear does not clear all client graphics layers.
- NIM037829 - Manage Map Server Cache Tiles tool gives erroneous extent information when an invalid data frame is chosen.
- NIM038233 - WMS 1.3.0 Exception Format responses are always text/xml no matter which Exception Format is set in requests.
- NIM038242 - WMS 1.3.0 responses are in MIME text/plain format when setting INFO_FORMAT to application/vnd.ogc.wms_xml.
- NIM038869 - 'Manage Map Server Cache Tiles' vanishes in the model builder.
- NIM038970 - ArcGIS Web Service Client is caching SPNEGO Authorization credentials.
- NIM038978 - Strings containing double quote (") or backslash (\) should be escaped in the JSON response returned by ArcGIS Server REST API for the Java platform.
- NIM039009 - SortBy paramater tag does not sort results for the WFS request.
- NIM039020 - IMapServerLayout.ExportLayout is crashing when accessing a pagelayout that contains a rectangle text element configured with two columns.
- NIM039063 - ArcCatalog 9.3 crashes when suggesting 1000 or more scales in the Caching tab of the Service Properties.
- NIM039154 - Delete Map Server Cache (Server) and Manage Map Server Cache Tiles (Server) geoprocessing tool should only list the cached map services.
- NIM039301 - Expose geocode locator properties such as MinCandidateScore and MinMatchScore when connecting to a geocode service in Manager.
- NIM039322 - Add page to configure NTLM, JVM settings by way of Manager.
- NIM039326 - Support configuration of Server Object Extensions in Manager.
- NIM039440 - Improve the error message in the Permissions dialog box for services and applications when a SQL Server connection fails.
- NIM039441 - Include <forms timeout="30"> in Manager's web.config file to help clarify how the session timeout for Manager can be changed.
- NIM039462 - Manager should not write out LayerDefinitions value if it is the default value.
- NIM039493 - When ADFUtil -I is called, the encrypted text cannot be copied from the message box that displays.
- NIM039494 - When an IIS Web site has the IP Address populated, ArcGIS Server instances are being copied to the root of the drive.
- NIM039495 - When a port number is entered, IISEXEC is accepting the leading digits of a port as being valid.
- NIM039615 - The WMS enable service occasionally returns missing, corrupt or misplaced tiles.
- NIM039674 - Query Task results that contain curves can potentially return very large result responses that fail with the error 'Sys.ArguementException: Cannot deserialize. The data does not correspond to valid JSON. Parameter name: data'.
- NIM039739 - When choosing Update specific areas using a feature class, from the Manage Map Server Cache Tiles dialog, the Status Field length created in the feature class should be much smaller.
- NIM039833 - The method 'setAntialiasing' in 'WebSimpleMarkerSymbol' class does not take effect.
- NIM040015 - Export Map in REST API does not handle comma delimiter properly in European locale.
- NIM040016 - The caching tab displays the first cache directory in the server's list, rather than the cache directory for the service.
- NIM040031 - ArcGIS Server 9.3 SP1 on LINUX RedHat AS 4.5 has problem exporting a map service to PDF format. The highway shield label text becomes black, and the shield symbol is a CharacterMarkerSymbol.
- NIM040170 - Using Python to run GenerateMapServerCacheTilingScheme does not respect Custom Scales.
- NIM040198 - When using the REST API in ArcGIS Server for Java platform, Query, Find or Identify operation does not return Hebrew characters correctly in a JSON response. HTML output is correct.
- NIM040199 - When using a Unicode datasource in a Map Service, REST API in ArcGIS Server for Java platform does not return non-English characters correctly in JSON response for Query, Find or Identify operation. HTML output is correct.
- NIM040201 - Unhandled exception when an ArcGIS Server service is unavailable.
- NIM040230 - When using the REST API in ArcGIS Server for the Microsoft .Net framework, a display field for a map service layer named 'NAME' (all uppercase) is incorrectly returned as 'Name'.
- NIM040253 - Error Messages from synchronous geoprocessing services are not returned correctly to clients.
- NIM040254 - Raster KML result fails with asynchronous geoprocessing service.

- NIM040255 - When called with the URL option, GetResultWorkspace returns a URL to the wrong location.
- NIM040256 - In UNIX, if a Geoprocessing Service has a text file output, is based on a tool layer, is synchronous and is hosted on a Unix server; it will not return results correctly even though it successfully executes on the server.
- NIM040257 - Give users the ability to set the LocalJobsDirectory through the User Interface.
- NIM040259 - The text describing the first capability for each service type in Manager is incorrect. For example, the default capability description for map services is 'Map Service' but should be 'Mapping (always enabled)'.
- NIM040330 - In a Web Mapping application, when changing the print quality (DPI value) of a Print task, the extent of the map should remain constant.
- NIM040400 - When used in a geoprocessing script, ManageMapServerCacheTiles does not work.
- NIM040495 - EditingTask does not work in Mozilla FireFox if the javax.faces.STATE_SAVING_METHOD is set to client in the web.xml file of the Java ADF application.
- NIM040557 - Cannot set the workspace environment in a script that has been published.
- NIM040558 - Lazy rendering of tasks that have multiple windows (like Geoprocessing and Print Task) throws Javascript errors.
- NIM040592 - InvalidQuestion error when question-answer is disabled in Add User dialog box.
- NIM040614 - Token page returns an error if using http.
- NIM040665 - Expose the Local Jobs Directory option on the Parameters tab for Geoprocessing Services in Manager.
- NIM040687 - Geoprocessing Services with optional input parameters of type Raster Layer will not work correctly if the optional parameters are not specified.
- NIM040829 - Implement Solve operation on Network Analyst Server RouteLayer in ArcGIS Server REST API for the Java platform.
- NIM040833 - When exporting the ManageMapServerCacheTiles tool from a Model to a script, the 3D Analyst extension is checked out.
- NIM040856 - Return meaningful exception when certain version of external capabilities file is missing or inaccessible at run time.
- NIM040884 - Enable REST API in ArcGIS Server for Java platform to return ArcGIS Server version information.
- NIM040908 - Update the default behavior of ExportImage operation in ArcGIS Server REST API Services Directory for the Java Platform to include BandIDS when the Image contains more than 3-bands and specify tiff as the default output format for images with pixel types that is not supported in PNG.
- NIM040939 - There are issues with the View in ArcMap' or 'View in ArcGIS Explorer' link in ArcGIS Server REST API Services Directory for Microsoft .NET framework.
- NIM040979 - Create a method on the PrintTask that would create a printable map and return the image bytes of the created map image. This would be beneficial to the developers that want to export a printable map image programmatically instead of using the PrintTask through GUI.
- NIM040986 - Enable REST API in ArcGIS Server for the Microsoft .Net Framework to return ArcGIS Server version information.
- NIM040990 - Issues with "View in ArcMap" or "View in ArcGIS Explorer" link in ArcGIS Server REST API Services Directory for Java Platform.
- NIM040991 - Update the default behavior of ExportImage operation in ArcGIS Server REST API Services Directory for the Microsoft .Net Framework to include BandIDS when the Image contains more than 3-bands, and specify TIFF as the default output format for images with pixel types that is not supported in PNG.
- NIM040992 - Implement Solve operation on Network Analyst Server RouteLayer in ArcGIS Server REST API for the Microsoft .Net Framework.
- NIM040993 - In ArcGIS Server Services Directory for the Java Platform, add the 'View in Javascript' link for Image Services.
- NIM040994 - In ArcGIS Server Services Directory for the Microsoft .NET Framework, add 'View in Javascript' link in for Image Services.
- NIM041025 - JavJava ADF Geoprocessing Task does not honor when a check box parameter is checked in the GUI of the GP task. It always defaults to unchecked. For example, if there is a checkbox parameter called "Return Stops" in a GP task that finds a route, checking the "Return Stops" checkbox does not actually return any route stops. It changes the setting to unchecked before executing the task and therefore route stops are not returned.
- NIM041026 - Geoprocessing Task in Java ADF does not honor the coded value domains set on the attribute values in a geodatabase. Coded value domain is a type of attribute domain that defines a set of permissible values for an attribute in a geodatabase. GP Task does not show all the permissible values of a coded value domain in a drop down box when a new feature is added through Geoprocessing Task GUI.
- NIM041027 - In ArcGIS Server REST API for the Microsoft .Net Framework, Shift+zoom does not work correctly when a Map Service is viewed using 'View in Javascript' link in Services Directory.
- NIM041057 - Identify results callout window does not format Date/Time values properly.
- NIM041153 - Map service description, Globe service description, and generateKML pages in Services Directory do not display when ArcGIS Server REST API for Java platform is deployed on Weblogic 10g Release 3.
- NIM041359 - Do not show 'Windows users and groups' as the user/role store in Security-Settings until the user configures the user/role store.
- NIM041364 - For publishing WCS and WFS, the example text for Externak capabilities file is wrong. It refers to wrong version numbers.
- NIM041398 - In the Services Directory for the ArcGIS Server for the Microsoft .NET framework, the URL generated for identify operation uses the parameter WKID instead of SR to specify the WKID of the input and output geometry causing the request to fail.
- NIM041461 - When defining the 'SLD Path or URL' option for a WMS enabled map service, clicking the OK button does not close the file browser dialog box.
- NIM041509 - WFS with external capabilities files fail to start if 1.0.0 external capabilities contains <SRS> value in "EPSG:xxxx" format.
- NIM041683 - Manager should consult the GP service to decide if a GP Task should be configured to execute synchronously or asynchronously.
- NIM041755 - For WMS services, do not include root/non-child layer name in GetMap request even when root/non-child layer is turned on in TOC. Otherwise, The leaf child layers would show up when roo/non-child layer is turn on TOC, even if the leaf child layer is not checked.

- NIM041756 - The TOC control must honour scale-dependent-rendering of WMS layers.
- NIM041768 - In ArcGIS Server REST API for the Java platform, Shift+zoom does not work correctly in IE when a Map Service is viewed using "View in Javascript" link in Services Directory.
- NIM041854 - Support identify operation on raster layers.
- NIM041929 - Panning and Zooming periodically cause WMS request to error, producing a blank map or 404 error.
- NIM042047 - Memory leak observed during the move of tool items like MapToolItems in Internet Explorer.
- NIM042138 - The 'Maximum Number of Records to Return to the Server' GP Service Property cannot be set from Manager. The value can be changed, but it never actually changes the .cfg file.
- NIM042267 - In ArcGIS Server REST API for Java Platform, support png32 as a valid format in the Export operation on a map service.
- NIM042268 - In ArcGIS Server REST API for Java Platform, return supported image formats as a new property of the map service description in HTML and JSON output formats.
- NIM042269 - In ArcGIS Server REST API for Microsoft .NET Framework, supported image formats are returned as a new property of the map service description in HTML and JSON output formats.
- NIM042270 - In ArcGIS Server REST API for Microsoft .NET framework, support png32 as a valid format in the Export operation on a map service.
- NIM042339 - The 9.3 Final release version of the mobile application (PPC version) does not work with mobile service that is secured by token-based security. The application returns a message saying "Error opening mobile service". For testing purpose, download and open the mobile project named "RedlandsHydroSecured" from mobilebeta.esri.com/arcgis, which encapsulates a token-secured mobile service

  with the following URL: http://mobilebeta.esri.com/ArcGIS/services/Secured/RedlandsHydroSecured/MapServer/MobileServer.

- NIM042355 - TileHandler needs to return a blank or missing tile from the tile cache folder, if either of these is present.
- NIM042384 - Update REST API in ArcGIS Server for Microsoft .NET Framework to return literal null instead of empty strings.
- NIM042396 - Add support for user control Web configurators and user control task panels in Manager.
- NIM042683 - WCS GetCapabilities truncates the load balancer URL because of a colon in the URL string.
- NIM042821 - When posting a feature, mobile client sends more data than needed. Request buffer size can grow larger than the actual size needed.
- NIM042983 - Provide more debugging message inside the server log file for requests coming from mobile clients. The information is useful when trouble shooting errors for mobile.
- NIM043050 - Set the current geotransformation to the one in ArcMap DataFrame doc.

.Net Manager
- NIM037133 - Naming a task in Server Manager with special characters causes an application error.
- NIM037870 - In Manager, the Geoprocessing Task configuration dialog box should state that the virtual directory also needs Read and Write permission, not just Execute Permissions set to Scripts only.
- NIM037970 - Improve the formatting of the Time column in the Log display for ArcGIS Server Manager.
- NIM037971 - Display most recent messages first when viewing log files.
- NIM038462 - After logging, the ArcIMS Web Manager Page Title becomes ArcGIS Server Manager.
- NIM038825 - When using Windows Users and Groups, roles will be listed twice when configuring security in the Permissions dialog box when removing a role from an application.
- NIM039272 - Changing the Idle Timeout for a Service in ArcGIS Server Manager does not apply to service configuration file.
- NIM039870 - After localizing the scalebar units in Manager, selecting a value in the Scalebar drop-down list displays the error 'Requested value\'<unit>\' not not found.'
- NIM040104 - Query Attributes Task displays all values in a single option when values are added to the sample values and the application is created while running Manager in Firefox.
- NIM040158 - <L10N> Various text strings in ArcGIS Server Manager 9.3 do not localize to French Locale.
- NIM040683 - For services created from Manager using "Add New Service" and subsequently cached, the name of the service cache folder does not include the name of the folder where the services was published.
- NIM040707 - Geodata service output directory always shows 'None' in Server Manager (DotNet only).

.Net Web ADF
- NIM036458 - Navigating the map can return incorrect extents when the PrimaryMapResource is cached and the Maps ImageBlendMode is set to WebTier.
- NIM036685 - Unable to use the ESRI.ADF.UI.MapBase client side JavaScript interface because it calls a private function of the derived ESRI.ADF.U.
- NIM036922 - Enhance ESRI.ArcGIS.ADF.Web.Display.Symbol with a LineAligment property that can control when the symbol is drawn on or inside the polygon boundary.
- NIM038019 - Enhance MapTips to use a default template and allow customers to implement their own templates.
- NIM038084 - Unable to sub class print task because the dependent script does not get registered.
- NIM038097 - IGeocodeFunctionality.ReverseGeocode is not working for ArcGIS Server services.
- NIM038117 - WMA Identify tool does not return results for all layers when a layer is in a group and not visible.
- NIM038160 - ExpandDepth does not apply to task result legend nodes.
- NIM038291 - Hovering over the highest task result node displays a 404 error in Fiddler.
- NIM038346 - MapTips hyperlink to a document does not work well, unless the word 'about' is removed in LayerFormat in source code.
- NIM038367 - GraphicsLayers are sometimes rendered twice on resource refresh.
- NIM038858 - When the extent history limit is reached, the Back button becomes disabled.

- NIM038920 - Allow Scalebar to be configured with different styles similar in ArcGIS Desktop.
- NIM038966 - Cannot change FloatingPanel title at run time.
- NIM039025 - Some strings are not present when attempting to localize to Japanese.
- NIM039378 - After installing Microsoft Update KB956390, closing the Identify Results window in Internet Explorer causes scrollbars to become locked.
- NIM039444 - Cached services do not draw when a rotation is set on the Map.
- NIM039445 - The design time for ArcGIS Server based WMS services displays layers using 'Name' instead of 'Title'.
- NIM039446 - LayerDefinitions layers for WMS services are returned in the reverse order for both the Visual Studio and Manager design time.
- NIM039447 - When the Web Mapping Application is using RTL mode, the table of contents and Results flash at initial startup, and resizing the browser makes the task names temporarily overlap the Toolbar.
- NIM039448 - In the WMAs, OnPreRender for MapResourceManager2 is incorrectly wired up to MapResourceManager1_ResourceInit.
- NIM039449 - Remove logic from WMAs that prevents applications from running if the top resource in the Map is not available.
- NIM039450 - Implement a 'Never' option to the ValidationInterval property on each resource manager.
- NIM039451 - Implement a DisplayImageURL property on the table of contents (TOC), so that a unique static image can be defined.
- NIM039452 - The TaskResults control displays   when the control is placed on the page in VS 2008.
- NIM039453 - Changing the password after retrieving a password displays the incorrect confirmation message.
- NIM039454 - When Editing an existing mapresourceitem definition, a warning message is displayed stating that existing layer definitions and task configurations may be reset.
- NIM039455 - Using the Identify tool on Geoprocessing Task output when using StateServer results in 'No Features Found'.
- NIM039456 - When using StateServer, refreshing a Web application that contains a WMS service causes the layer names to be lost in the table of contents (TOC).
- NIM039458 - Deprecate the MaintainState, Initialize and LoadState in DataSource interfaces.
- NIM039459 - Add helper methods to call a Geometry service using ADF types.
- NIM039460 - Improve the consistency and sizing of the Web control controls in design time.
- NIM039461 - Add deprecation notice and warning when using DataSourceShared = False for ArcGIS Server.
- NIM039463 - When subclassing the EditorTask the stylesheet editorStyles.css is not available at runtime.
- NIM039464 - Implement ISupportsLayerInfo for WMS and ArcIMS ArcMap Service so that group layers can be displayed in Layer properties.
- NIM039465 - ArcIMS datasource definition editor is not showing default syntax for HTTP.
- NIM039466 - Duplicate requests are sent to the MapHandler when refreshing a resource in a callback.
- NIM039467 - Default LayerFormat for GraphicsLayers should not include system fields.
- NIM039468 - The code summary for mouse_out event is incorrect, and instead has the code summary for mouse_up event.
- NIM039469 - When the primary display item does not contain a value, MapTips can display just a leader line or display a callout with no header.
- NIM039471 - ClientToolGraphicsColor and ClientToolGraphicsWidth do not work.
- NIM039472 - Clicking the AttributeDisplay property before a resource is defined opens a blank message box with just an OK button on it.
- NIM039474 - When using a comma delimited environment, the coordinates displayed in the lower left corner of the Web Mapping Application show a period for a delimiter.
- NIM039475 - Remove FeatureSelectionColor and FeatureHighlightColor from the Properties Window for each task.
- NIM039476 - FloatingPanel.ShowFloatingPanel and Floatingpanel.HideFloatingPanel do not work.
- NIM039478 - The help for keyboard navigation states that holding SHIFT is necessary for the + and - keys to work.
- NIM039479 - Integrate the UserControl Task in the Visual Studio design time.
- NIM039630 - The TaskResults control does not display a warning in the Visual Studio design time that a Map buddy control is needed.
- NIM039667 - Number of extents that can be stored in the extent history should be 50 in the ToolReference.htm.
- NIM039834 - Eliminate duplicate calls to ComputeScale when panning.
- NIM039877 - Results may display offset from the data when the primary map resource is cached and the ImageBlendMode is WebTier.
- NIM039891 - Blending an ArcGIS Server Local cached service with another map service does not work: in Print preview, fails with error 'Unable to connect to Server'; in a Map configured with ImageBlendMode=WebTier, the Local cached service will not draw.
- NIM039993 - Web ADF .NET ScaleBar should be smart enough to change its ScaleBar Unit to match current map extent.
- NIM040173 - Empty legend symbol swatches are returned when programmatically expanding nodes in a TOC.
- NIM040187 - The measure control in a Web Mapping application at 9.3 Service Pack 1 throws the following warning: "aspnet_wp.exe Warning: 0 : An ASP.NET callback was detected with a ScriptManager present in the page. This pattern is not supported and can cause viewstate corruption. Please switch to Partial Postbacks or remove the ScriptManager."
- NIM040353 - Map draw operation for a graphics resource generates the following MapHandler error:"No image data returned from server (Draw failed)".
- NIM040543 - SearchAttributesTask fails if attributes or fields from more than one layer are used as Search Fields (fails only when local connection is used).
- NIM041196 - After upgrading to 9.3 Service Pack 1 and setting the PrintTask::PreserveScale property to false, graphic selections do not draw correctly in the resulting image.
- NIM041360 - Example of the OC swatches is not being displayed for expanded nodes after installing Service Pack 1.
- NIM041361 - Referer in token request uses incorrect port with secure map service in a reverse proxy setup.
- NIM041465 - Expose the ability to customize the layout of the Print Task output by allowing the application developer to specify a layout

template file.

- NIM041486 - Reduce the memory usage of the Editor Task 1) when included in an application but not opened, and 2) when changing the map extent.
- NIM041488 - Add support for VE geocode/reverse geocode service.
- NIM041573 - Add Virtual Earth as a datasource to the .NET Web ADF.
- NIM041901 - The Line and Polygon Measure tools do not display the comma on comma delimited systems.
- NIM041902 - Issues arise with the Area of Interest (AOI) box in the Overview Map control when StaticMode is set to false using Firefox 3.
- NIM041906 - When using StateServer, cache on demand services do not display in the Print Preview.
- NIM042198 - Enhance the Scale Bar control to allow the number of significant digits to be defined.
- NIM042199 - Integrate the DHTML Scale Bar from the code gallery into core software.
- NIM043077 - Querying the map control for the Scale (Map.Scale property) on a callback causes the map control to go all the way back to the resource to figure it out even though the Scale has not changed since the last operation.

REST API (.Net)

- NIM041081 - The key 'Rest_Contains' of resource file for localization for ArcGIS Server should be divided.

Java Manager

- NIM037594 - The square metre to square kilometre conversion in the measure tool in the ArcGIS Server Java web ADF does not convert units correctly.
- NIM037877 - When configuring Find Address and Geoprocessing tasks, allow addition of new Server resources.
- NIM038305 - When using the Java Manager 'Publish GIS Resource' and 'Add New Service' wizards in Firefox 3 to browse to and select a local resource, the service fails to start. This happens because the resource path gets truncated; C:\ArcGIS\java\samples\data\mxds\usa.mxd is truncated to usa.mxd.
- NIM038639 - ArcGIS Manager only allows creation of a single editing task for every Web application at 9.3 even though at 9.2, it was possible to create multiple editing tasks.
- NIM040577 - When a Web Application is edited and a new service is added, it does not appear in the TOC.

Java WebADF

- NIM037350 - Zoom to Layer context menu does not display for WMS Layer on a WMS Layer in a TOC, only the WMS resource.
- NIM037411 - When switching coordinate systems, existing geometries (point, polyline, polygon) in the GraphicsResource or WebGraphics are not constrained by the target coordinate system's horizon.
- NIM037851 - Drawing graphics do not work properly when using UTM (also Draw line, draw anything).
- NIM039652 - TextCriteria and IdentifyCriteria based queries do not generate any results if the displayFieldName is not set in faces-config file AND if the values of the first field after OBJECTID and SHAPE fields in the feature class has null values.
- NIM040180 - <L10N> Editing Task in ArcGIS Server does not save Japanese characters when the application is deployed to WebSphere.
- NIM040643 - Query Attributes Task for Java Web Application does not work with DATE data type field.
- NIM041120 - Snapping does not work in a Web editing task in the Java Web ADF.

REST API (Java)

- NIM038339 - Services Directory does not work when the REST application in ArcGIS Server for Java platform is deployed to WebSphere 6.1.
- NIM040514 - Query on the primary display field without a WHERE clause fails when the data is in the personal geodatabase format.

Image Server

- NIM031172 - When using Image Server, adding an ER Mapper raster results in incorrect Max/Min values.
- NIM033703 - Allow the functionality to change the default location of the on disk display image for Image Server AutoCAD client.
- NIM034556 - Image service generates white gaps in service overviews when image service and data are in different projection.
- NIM035004 - The Add Raster dialog box does not add multiple images when the selection is spanned over two or more columns.
- NIM037710 - Derived Images Tool failing on larger image services.
- NIM037940 - With Regional and Language settings set to Germany, adding image services published from ISCDEF to ArcMap, data connection is broken if the data frame projection is changed.
- NIM039049 - Document the requirement for each alias of an image service process to be unique.
- NIM039198 - Histogram stretch is not applied when using advanced method to add rasters and choosing 'percentile' as the stretch type.
- NIM039635 - In ArcGIS Image Server, the DIGen tool hangs when building Service Overviews.
- NIM040029 - Recompute footprint by Radiometry does not work on a color service.
- NIM040049 - When installing the Map Info Image Server client the MapInfo.ISConfig does not get named properly.
- NIM040568 - New IKONOS imagery from GeoEye contains tags that are not supported by Image Server 9.3.
- NIM040742 - ArcSOC.exe processes are orphaned upon recycle of Map Services containing Image Services from Image Server 9.2 SP 6.
- NIM040936 - ISRef files must work properly with Umlauts in their names.
- NIM040954 - Server Manager should allow synchronizing of multiple services, refreshing of only the status of the service, and multiple deletes.
- NIM041021 - In the Service Overview Parameters dialog box, compression quality can be set to an incorrect number, such as 555555, and no error is reported.

- NIM041022 - Derive Images tool will not work on an image service where there is a space in the path to the .ISDef folder.
- NIM041216 - Need to support ArcGIS Desktop auxillary files to rectify or georeference imagery.
- NIM041217 - When using MrSID images, the affine warp is not always applied correctly to the internal overviews.
- NIM041266 - Corrupt compiled image service definitions should not be allowed to sync on with the autosync if they have not changed.
- NIM041347 - Metadata names may contain invalid XML characters that have to be replaced.
- NIM041540 - Reporter service crashes during ArcGIS Server and ArcGIS Image Server and performance tests.
- NIM041750 - DefineDerivedTiles.iscmd script defines Nrows and ncols incorrectly.
- NIM041751 - Under load (10+ users), Tiled Raster services fail.
- NIM041825 - The "Recompute Footprint by Geometry" option in Service Editor fails to create an accurate footprint for tiled raster image services.
- NIM041938 - Pan-sharpen produces wrong results for a 6-band multispectral image when the method is brovey.

ArcSDE
- NIM009636 - Improve connection time performance from ArcObjects client GetAllFeatureTypes.
- NIM010273 - Spatial Type for Oracle: Unable to create spatial index on feature class in ST_GEOMETRY when using Lithuanian locale and Oracle.
- NIM032944 - SeShape.generateBuffer() failure in ArcSDE Java API.
- NIM035881 - Editing fails with the error: ORA03120 Two task conversion routine:integer overflow when the ArcMap session has been left open in an active edit session for long period of time. See KB article 35285.
- NIM036347 - When zooming into a Route event layer stored as ST_GEOMETRY, it does not display correctly for the first zoom.
- NIM036869 - When running sdelayer –o register with –R on HP-UX Itanium machine, it receives core dumped error.
- NIM036885 - Compressing a database while sessions are connected, mistakenly removes the states which have state locks.
- NIM036999 - Selection not populating logpool tables after setting LOGFILEPOOLSIZE.
- NIM037339 - Spatial view on ST_GEOMETRY datatype feature class has poor performance compared to view created on SDELOB feature class.
- NIM037456 - SQL Server only: When a view contains both a geometry column and a constant value column, SE_stream_execute can throw an error when querying the view. The error is: SDE error code -10: SE_NET_FAILURE (Network I/O error.)".
- NIM037484 - When performing reconcile and post operations on data that is enabled for Geodatabase Archiving, a crash may occur due to a memory overwrite.
- NIM038191 - ArcSDE for DB2: Non-data owners unable to create a spatial view even after being granted WITH GRANT OPTION privilege.
- NIM038230 - tbl2sde command failed to retain Norwegian characters.
- NIM038283 - sdeexport fails with "SDE Code (-20): Layer not found" error, when exporting a feature class with -O option and User is not the data owner.
- NIM038606 - Error due to connecting to ArcSDE 9.2/ArcSDE 9.3 on Linux (RHEL 4) from ArcView 3.3 prevents any other 3-tier connections to be established for a long time.
- NIM038618 - After editing any attribute on a feature in an Oracle ArcSDE instance that has circular curve geometry, the curve is generalized into straight-line segments.
- NIM038647 - Postgres-NIM 668951- loading a shapefile with an accent it it's name fails with DBMS error invalid byte sequence for encoding "UTF":0xe97465.
- NIM038673 - If the connecting user does not own all the tables involved in a join, queries against any of the tables fails with an SDE -38 error.
- NIM038835 - SEShape::GenerateBuffer gives RESULTING CORRIDOR EXCEEDS VALID COORDINATE RANGE error if the scale factor set in the SECoordinateReference::SetXY method is greater than 39045157.
- NIM038932 - Enhance sdegdbrepair utility to support state id values for repairing versioned data inconsistencies.
- NIM038983 - The ArcSDE application server crashes when the MAXTIMEDIFF is not set to the default value of -1.
- NIM039077 - SeLocator.locateTable() fails with -134 "THE GIVEN SHAPE OBJECT HANDLE IS INVALID" error while geocoding table of addresses.
- NIM039126 - <z/OS> sdesetup may fail when using the SQLGetInfo call to retrieve aliased database names.
- NIM039589 - <z/OS> sdesetup will fail if there is no default WLM ENVIRONMENT zparm value present on the system.
- NIM039690 - Setting a layer to normal_io mode generates error while creating the indexes.
- NIM039700 - Sdegdbrepair utility must be executed twice to repair specific data inconsistencies.
- NIM039793 - SQL Server Only: Setting PERMISSION_CACHE_THRESHOLD in DBTUNE can cause client connection attempt to fail when many objects exist in an ArcSDE instance. Error: "Microsoft OLE DB Provider for SQL Server: Timeout expired".
- NIM039831 - Selection in ArcMap is not working when MAXSTANDALONELOGS is set.
- NIM039842 - Some coordinate systems are missing in the ArcSDE 9.3 for PostgreSQL 8.3 sde_coordinate_systems table.
- NIM039858 - Some of the coordinate systems are missing and not correctly reflecting the correct EPSG-Code in ArcSDE 9.3 in SDE.ST_COORDINATE_SYSTEMS.
- NIM039859 - The sdelayer -o alter command modifies the layer's secondary_srid in a sde.layers table and adds a SRTEXT "unknown" entry in a sde.spatial_reference table.
- NIM039860 - SQL Server 2008 with Geometry or Geography storage only: Executing "sdetable -o create_view" against a feature class in SQL Server 2008 will return the error "DBMS table not found" if ALL of the following are true:
  - A feature class involved in the view uses GEOMETRY or GEOGRAPHY storage.
  - A feature class involved in the view is enabled to store CAD data. (Note: All feature classes created through ArcGIS Desktop are automatically enabled to store CAD data.)
  - The sdetable –o create_view command is executed as a user that has been granted SELECT permission on the underlying feature class and tables but does not own them.
- NIM039940 - After using ArcCatalog to create a multicolumn index on a feature class stored in ArcSDE, the columns in the resulting index

are not always in the correct order. Column order may also change after a copy/paste operation.

- NIM039997 - ArcSDE for SQL Server 2008: When database name parameter is in uppercase and if the geometry storage type is GEOMETRY, this error may occur:
- SE_DB_IO_ERROR (-51) Microsoft SQL Server Native Client 10.0: Cannot insert the value NULL into column 'OBJECTID', table '<tablename>'; column does not allow nulls. INSERT fails.
- NIM040028 - If you set NLS_LANG to an invalid value, ArcSDE should return an error immediately instead of waiting to check if the gsrvr process was created and then timeout.
- NIM040050 - sdegdbrepair reporting wrong lineage name in sde_repair.log file.
- NIM040076 - Insufficient permissions error when sde user edits a feature class that is owned by a different user.
- NIM040078 - ST_Envelope for point geometry returns NULL geometry instead of a polygon (MBR) of the point.
- NIM040183 - After upgrading from ArcSDE 9.2 SP6 to ArcSDE 9.3, some GDB coded value domains (stored as LONGRAW) disappear from ArcCatalog, and newly added coded value domains disappear too.
- NIM040289 - Postgres: If the state_lineages table is missing in the repository, one can rebuild it with sdesetup -o upgrade, that will prompt the rebuilding of the table and population of it with the appropriate lineages based on the records in the states and versions tables.
- NIM040294 - Some spatial queries from ArcSDE servers running on Itanium HP-UX can return a Network IO error.
- NIM040328 - Fetching rows with CLOB columns could crash the SDE client application running on 64-bit LINUX OS.
- NIM040395 - Cannot preview sde spatial view if it is created by a permitted non-owner, and the table columns are not fully qualified in the sdetable o create_view statement.
- NIM040524 - When opening a feature class in ArcGIS or by the ArcObjects IFeatureWorkspace::OpenFeatureClass method, a memory leak results if the feature class has a secondary spatial reference.
- NIM040525 - When using ArcSDE for Oracle, unable to register a table as versioned when privileges have been granted to a domain username ("domain/username").
- NIM040555 - Revoking permissions on a versioned table or feature class does not revoke the permission on the spatial index table of the adds table.
- NIM040591 - Extended DBMS error messages are not being returned to the calling application for specific insert, update and delete functions.
- NIM040660 - IWorkSpaceEdit::StopEditOperation is not failing when encountering an underlying DBMS error when attempting to close the versioned geodatabase state.
- NIM040783 - A general memory leak occurs in the Projection Engine when deleting feature classes that may lead to Out of Server Memory errors.
- NIM041126 - Users who do not own a specific route event cannot perform an identify operation on the route event in DB2.
- NIM041187 - Stop editing (save) can result in data inconsistencies if the call to trim encounters an underlying DBMS error inserting rows into the sde mvtables_modified table.
- NIM041246 - Enhancement request for a DB2 user maintained NOT LOGGED INITIALLY option to the sdeimport -o init ArcSDE online command.
- NIM041274 - Using SHAPE.AREA and SHAPE.LEN columns to create an index causes an error.
- NIM041275 - Using long and complicated names when creating a multi-column index causes the gsrvr to crash.
- NIM041292 - Geocoding a street or intersection address to a line feature with excessive vertices causes ArcMap to crash.
- NIM041308 - ST_ASTEXT failed on geometry with a large number of vertices.
- NIM041395 - PE Java: Exporting VERTTRAN and VTMETHOD objects to well-known text strings results in GEOGTRAN and METHOD keywords.
- NIM041396 - PE Java: Geographic transformations that were defined in the EPSG database with rotation values in microradians are not being converted correctly to arc-seconds in the projection engine. The definitions are incorrect in the Java version only.
- NIM041457 - Change the returned sort order of the pe_factory_gtlist function. The new order is single step transformations first followed by two step ones. The pe_factory_gtlist function returns a list of possible geographic transformations given two geographic coordinate systems.
- NIM041460 - Postgres: When ArcObjects code would query sde connection properties to determine if Postgres was a case sensitive database or not the Boolean property returned was false instead of true, as Postgres is a case sensitive database.
- NIM041508 - ArcSDE for SQL Server only - sdedbtune "alter", "insert" & "import" options are wrongly resetting all default parameters to default values if they are not explicitly listed in the input file.
- NIM041571 - SQL Server Geometry Only: Creating a new feature class from ArcCatalog using some non-English locales will fail with the error: The 'BOUNDING_BOX' parameter of the CREATE SPATIAL INDEX is incompletely defined. Underlying cause is a SQL command that uses commas as decimal separators.
- NIM041591 - ArcGIS encountering Oracle 10.2.0.4 Bug 7155655, wrong query results possible from predicate push.
- NIM041748 - In the version_user_ddl stored procedure, add the ability to retrieve a database generated GUID for use with SQL to insert the value into a Global ID or GUID column in ArcSDE Multiversion Views.
- NIM041749 - When copy/pasting or loading several featureclasses at once in the same session, Oracle may set invalid Z value layer extents.
- NIM041815 - SQL Server Geometry and Geography Storage Types Only: IFeatureClass.Search fails when search filter shape is a point: The number of points is less than required for feature.
- NIM041824 - Postgres: Resolving ArcMaps Definition query that contains a spatial operator takes a very long time.
- NIM041843 - Compressing a geodatabase while users are connected and editing may encounter the following error: "Target state not found in the STATES table (-172)". See KB article 35287.
- NIM041844 - Join query between a versioned layer and a non-sde table fails with -38 "Attribute column not found" error, if current user is not the owner of the non-sde table.

- NIM041977 - Unregister as versioned crashes ArcCatalog/gsrvr when running against a selected versioned table containing a blob column.
- NIM042062 - Update ordered operations are not returning an error when the client application attempts to update a row that does not exist.
- NIM042137 -SQL Server 2008 GEOMTERY and GEOGRAPHY storage only: On 64-bits servers, editing a feature that contains CAD data, such as curves, and
  circles, can corrupt the data and cause it to no longer display in ArcMap.
- NIM042238 - Executing a compress operation while sessions are connected and editing can result in data inconsistencies, if the compress operation attempts to delete a state of the database with descendant states. See KB article 36194.

ArcIMS

- NIM040090 - Request to a WMS using an SLD returns an image without a transparent background, ignoring the transparent=true tag.
- NIM041310 - Linux: When font is not specified in TEXTSYMBOL, the default font used by ArcIMS Image Server is incorrect.

ArcGIS Mobile

- NIM013582 - Mobile service does not respond sometimes.
- NIM039166 - Snapping does not work when using a small extent (around 10 miles) and using a geographic coordinate system in a mobile application.
- NIM039524 - Unable to synchronize updates from ArcGIS Mobile, if "SDE_LOGFILE_DATA" table does not exist.
- NIM040003 - Unable to connect to external GPS devices.
- NIM040172 - <L10N> Strings in the Mobile Projects wizard in ArcGIS Server Manager 9.3 do not localize to French locale.
- NIM041236 - Feature geometry is inserted incorrectly when editing FeatureLayerDataTable.
- NIM042262 - In ArcGIS Mobile application, feature symbols are not drawing correctly when panning or zooming if they are symbolized using unique values.
- NIM042362 - When using ArcGIS Mobile 9.3/ArcSDE 9.3 and inserting large blobs into Oracle and SQLServer Express, the insert always fails at 8192 bytes.
- NIM042491 - When editing polygon features in a Mobile Application, it is not possible to create self-intersecting polygons.