

## Deprecated Features for ArcGIS 10.3.1 and 10.4 Releases

Updated September 8, 2015, for ArcGIS 10.3.1 and the upcoming ArcGIS 10.4 release.

The deprecation plan for ArcGIS is updated for every ArcGIS release. We continue to expand coverage for ArcGIS applications and ArcGIS Runtime SDKs.

With each release, we assess the platforms we support and the functionality in the ArcGIS platform and adjust these based on customer needs and technology trends. The purpose of this document is to provide as much advance notice as possible regarding these changes.

This document outlines the planned changes in platform and functionality with the release of ArcGIS 10.3.1 and the upcoming 10.4 beta release. This also includes references to the ArcGIS 10.3, 10.2.2, 10.2.1, and 10.2 deprecation notes.

For a definition of *deprecation*, see <http://en.wikipedia.org/wiki/Deprecation>.

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### ArcGIS 10.3.1 for Desktop

- **[Updated September 8, 2015]** ArcObjects SDK for the Microsoft .NET Framework 10.3.1 was the last release of ArcObjects .NET to ship with support for the Microsoft .NET Framework 3.5 (.NET 2.0 Runtime). At 10.4, ArcObjects .NET will ship with .NET Framework 4.5 as the default. All developers consuming ArcObjects .NET are encouraged to begin moving existing .NET-based extensions to .NET Framework 4.5 in anticipation of this change. This includes both ArcGIS for Desktop and ArcGIS for Server extensions. ArcObjects .NET 10.4 will install Primary Interop Assemblies (PIAs) built against .NET SDK 4.0 , and all new extension development should be started on .NET Framework 4.5 or later. ArcObjects .NET 10.4 will support Microsoft Visual Studio 2013 (Note: It will support Visual Studio 2015 if this has been released prior to the 10.4 final.) ArcObjects .NET 10.4 will not be supporting Visual Studio 2012.
- **[Updated January 24, 2015]** Esri will continue to ship Microsoft Visual Basic for Applications (VBA) compatibility setup with ArcGIS as long as we continue to ship ArcMap or until Microsoft notifies us that we can no longer distribute this.
- **[Added January 24, 2015]** Esri will continue to ship the CASE tools with ArcGIS for Desktop through the 10.3.x releases. For users interested in geodatabase design with UML, we recommend using Sparx Systems' Enterprise Architect, as it offers many advantages over the CASE tools functionality.

### ArcGIS 10.3.1 for Server

- **[Updated September 8, 2015]** Support for .NET Framework 3.5 Service Pack 1 (SP1) for ArcGIS Web Adaptor (IIS) will end with the last release of the ArcGIS 10.3 series of releases (ArcGIS 10.3.1). At ArcGIS 10.4, ArcGIS Web Adaptor (IIS) will require .NET Framework 4.5 or higher.
- **[Added June 15, 2015]** Portal 10.3.1 for ArcGIS will be the last release supporting Internet Explorer 7 and 8. This decision is based on Microsoft's statement: "Beginning January 12, 2016, only the most current version of Internet Explorer available for a supported operating system will receive technical support and security updates." Note: Microsoft's policy can be found at [support2.microsoft.com/gp/microsoft-internet-explorer](http://support2.microsoft.com/gp/microsoft-internet-explorer).
- **[Added June 15, 2015]** Support for the 10.0 SQL Server-based identity store will end with the last release of the 10.4 series of releases (ArcGIS 10.4.x). Note: From 10.1 onward, we supported this as a read-only identity store by following a documented migration workflow at [server.arcgis.com/en/server/latest/administer/windows/using-a-10-0-net-sql-server-security-store-in-later-versions.htm](http://server.arcgis.com/en/server/latest/administer/windows/using-a-10-0-net-sql-server-security-store-in-later-versions.htm).

- **[Added June 15, 2015]** ArcGIS 10.4.x for Server will be the last major release series to include support for globe services. We recommend customers explore the new 3D web scene support introduced with ArcGIS 10.3.1 for Server as a powerful new alternative.
- **[Added June 15, 2015]** ArcGIS 10.4.x for Server will be the last release series to support Red Hat Enterprise Linux 5.x. The next major release will only support Red Hat Enterprise Linux 6.x and above.
- [Added January 24, 2015] ArcGIS Explorer Online has been retired for nearly a year and is no longer part of our deployment/certification of ArcGIS Online. As such, ArcGIS Explorer will not be included with future releases of Portal for ArcGIS. Portal 10.3 for ArcGIS does not include support for ArcGIS Explorer Online.
- [Added January 24, 2015] ArcGIS API 3.7 for Flex and ArcGIS Viewer 3.7 for Flex will be the final releases. For information on the end of life (retired date) for Flex API and Flex Viewer, see [downloads.esri.com/support/product%20life%20cycle/online\\_gis/ArcGISWebMappingAPIs\\_PLC.pdf](https://downloads.esri.com/support/product%20life%20cycle/online_gis/ArcGISWebMappingAPIs_PLC.pdf). For our road map for developers, see [blogs.esri.com/esri/arcgis/2014/02/21/esri-roadmap-for-web-developers/](https://blogs.esri.com/esri/arcgis/2014/02/21/esri-roadmap-for-web-developers/). For our blog on the final release and support plan for our Flex and Silverlight APIs/Viewers, see [blogs.esri.com/esri/supportcenter/2014/11/10/final-release-and-support-plan-for-the-arcgis-apis-viewers-for-flex-and-silverlight/](https://blogs.esri.com/esri/supportcenter/2014/11/10/final-release-and-support-plan-for-the-arcgis-apis-viewers-for-flex-and-silverlight/).
- [Added January 24, 2015] ArcGIS API 3.3 for Silverlight and ArcGIS Viewer 3.3 for Silverlight will be the final releases. For information on the end of life (retired date) for the Silverlight API and Silverlight Viewer, see [downloads.esri.com/support/product%20life%20cycle/online\\_gis/ArcGISWebMappingAPIs\\_PLC.pdf](https://downloads.esri.com/support/product%20life%20cycle/online_gis/ArcGISWebMappingAPIs_PLC.pdf). For our blog on the road map for developers, see [blogs.esri.com/esri/arcgis/2014/02/21/esri-roadmap-for-web-developers/](https://blogs.esri.com/esri/arcgis/2014/02/21/esri-roadmap-for-web-developers/). For our blog on the final release and support plan for our Flex and Silverlight APIs/Viewers, see [blogs.esri.com/esri/supportcenter/2014/11/10/final-release-and-support-plan-for-the-arcgis-apis-viewers-for-flex-and-silverlight/](https://blogs.esri.com/esri/supportcenter/2014/11/10/final-release-and-support-plan-for-the-arcgis-apis-viewers-for-flex-and-silverlight/).

- **[Added June 15, 2015]** Beginning with the December 2015 update, ArcGIS Online configurable app templates and map viewer will no longer support Internet Explorer 7 and 8. This decision is based on Microsoft's statement: "Beginning January 12, 2016, only the most current version of Internet Explorer available for a supported operating system will receive technical support and security updates." Note: Microsoft's policy can be found at [support2.microsoft.com/gp/microsoft-internet-explorer](http://support2.microsoft.com/gp/microsoft-internet-explorer).
- **[Added June 15, 2015]** ArcGIS 10.3.1 and ArcGIS Pro 1.1 will be the last release to support the Oracle 10g R2 10.2.0.x series of releases. For ArcGIS 10.4 and ArcGIS Pro 1.2, we are planning to support Oracle 11g R2 (64 bit) 11.2.0.4 and Oracle 12c R1 (64 bit) 12.1.0.1. Note: Oracle ended premier support for Oracle 10g R2 (10.2.0.x) on July 2010 and extended support ended on July 2013. For details on Oracle support for 11g R2 (11.2.x), see [https://blogs.oracle.com/UPGRADE/entry/premier\\_support\\_for\\_oracle\\_11](https://blogs.oracle.com/UPGRADE/entry/premier_support_for_oracle_11).
- **[Updated June 15, 2015]** ArcGIS 10.3.1 and ArcGIS Pro 1.1 will be the last release to support the PostgreSQL 9.1.x series of releases. For ArcGIS 10.4 and ArcGIS Pro 1.2, we are planning to support PostgreSQL 9.2.x, 9.3.x, and 9.4.x. Customers that are using PostgreSQL 9.1.14 or an earlier release will need to upgrade their PostgreSQL.
- **[Added June 15, 2015]** Beginning with ArcGIS 10.3, we no longer support configuring stand-alone log files. The replacement for the ArcSDE command line tool for configuring log files is the Configure Geodatabase Log files tool. The options for log file type with this tool are Shared or Session, so this tool does not configure stand-alone log files. If you have existing stand-alone log files, you can continue to use them; however, customers using stand-alone log files are encouraged to move to the default log file type for their database.
- **[Updated September 8, 2015]** ArcGIS 10.4 will be the last release to support storing locators in a personal, file, or enterprise geodatabase. Esri recommends that customers begin to move their locators out of their file or enterprise geodatabases into a file folder location instead. Note: [ArcGIS Pro only supports storing address locators in a file folder](#)—not in a geodatabase.
- **[Updated August 10, 2015]** ArcGIS 10.4 will be the last release that supports Oracle Spatial GeoRaster data type. Since the release of ArcGIS Image Extension for Server, Esri has been promoting the use of mosaic datasets stored in a file or enterprise geodatabase as an optimum model to not only catalog the rasters and metadata but optimally to define processing rules defining how the imagery should be processed when accessed. This approach of leaving the imagery in its original form can significantly reduce data storage and processing by removing the need to store multiple variations of the same data source. After the 10.4 release, existing data stored in Oracle Spatial GeoRaster will be read-only. Also note that ArcGIS Pro does not support the Oracle Spatial GeoRaster data type.

- **[Updated June 27, 2015]** Support for Microsoft SQL Server 2008/2008 R2 will end with the last release of the ArcGIS 10.3 series of releases (ArcGIS 10.3.x). ArcGIS Pro 1.x does not support SQL Server 2008 and 2008 R2.
- **[Added July 2, 2015]** Because of [web technology trends](#), the ArcGIS Maps Silverlight web part, a feature of Esri Maps for SharePoint, will be deprecated after the Esri Maps for SharePoint 4.0 release. The ArcGIS Maps JavaScript web part, a feature of Esri Maps for SharePoint, contains many enhanced features not available in the ArcGIS Maps Silverlight web part. It is recommended that customers use the ArcGIS Maps JavaScript web part in place of the ArcGIS Maps Silverlight web part—you will no longer be able to add new ArcGIS Map Silverlight web parts to site pages. To continue using your existing web parts, upgrade all sites containing the web part to Esri Maps for SharePoint 4.0 and save the pages. You'll then be able to continue using the ArcGIS Maps Silverlight web parts seamlessly.
- **[Added January 24, 2015 and Updated February 12, 2015]** ArcGIS 10.3 supports PostgreSQL 9.1.14.1, 9.2.9, and 9.3.5. Customers that are using PostgreSQL 9.0.5 or an earlier release will need to upgrade their PostgreSQL.

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#### New Updates for ArcGIS Runtime SDKs and Apps

- **[Added September 8,, 2015]** ArcGIS Runtime SDK for .NET (10.2.6) will be the last release to support Microsoft Windows 8. The next release of ArcGIS Runtime SDK for .NET will continue to support Windows 8.1. Note: Esri is making this change because Microsoft is ending service pack support for Windows 8 in January 2016.
- **[Added June 15, 2015]** ArcGIS Runtime SDK 10.2.5 for Qt is the last version to support OpenGL on Windows. ArcGIS Runtime SDK 10.2.6 for Qt will only support DirectX. ArcGIS Runtime SDK for Qt will continue to support OpenGL on Linux.
- **[Added June 15, 2015]** ArcGIS Runtime SDK 10.2.6 for Qt will be the last release with support for locator packages (.gckp files). Locator packages are created by ArcGIS for Desktop for sharing locators. See [desktop.arcgis.com/en/desktop/latest/guide-books/geocoding/about-sharing-your-address-locator-as-a-locator-package.htm](http://desktop.arcgis.com/en/desktop/latest/guide-books/geocoding/about-sharing-your-address-locator-as-a-locator-package.htm). Note: ArcGIS Runtime SDK 10.2.5 for the Microsoft .NET Framework and ArcGIS Runtime SDK 10.2.4 for Java were the last releases of those SDKs to support locator packages. ArcGIS Runtime SDKs for Android, iOS, and OS never supported locator packages.
- **[Updated August 10, 2015]** ArcGIS Runtime core has dropped support for Red Hat Enterprise Linux 6 and only supports Red Hat Enterprise Linux 7 for the upcoming Quartz release. This means that the most recent releases of Runtime SDKs were the last ones to include support for Red Hat Enterprise Linux 6. Users who need continued support for Red Hat Enterprise Linux 6 will have these versions available for their applications. The reason for this change is so the ArcGIS Runtime core can take advantage of the most current C++ compiler features available.

- [Added February 19, 2015] ArcGIS Runtime SDK 10.2.3 for Qt was the last release to support Linux 32 bit. ArcGIS Runtime SDK 10.2.5 for Qt will support 64-bit Linux only. Note: The Qt SDK did not have a 10.2.4 release.
- [Updated September 8, 2015 ] ArcGIS Runtime SDK 10.2.5 for WPF will be the final release of the product. The ArcGIS Runtime SDK 10.2.5 will be retired on July 1, 2016. Customers who develop with ArcGIS Runtime SDK for WPF are encouraged to use [ArcGIS Runtime SDK for the Microsoft .NET Framework](#), which includes support for building WPF applications. For more information, see the [Product Life Cycle](#) for WPF SDK.
- [Added January 24, 2015] ArcGIS Runtime SDK 10.2.5 for Android will be the last release that supports ARMv6 devices.
- [Added January 24, 2015] ArcGIS Runtime SDK 10.2.4 for Android was the last release to provide an Eclipse plug-in experience. Esri still supports Eclipse as a development environment with ArcGIS Runtime SDK for Android, but there will not be a supported Eclipse plug-in.
- [Added January 24, 2015] ArcGIS Runtime SDK 10.2.4 for Java was the last release to support Eclipse Juno. ArcGIS Runtime SDK 10.2.4 for Java will still support Eclipse Luna.

## ArcGIS 10.2, 10.2.1, and 10.2.2

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### ArcGIS 10.2 for Desktop

- [Updated November 22, 2013] ArcGIS 10.2.1 will be the last release that supports Microsoft Windows Server 2003 and Windows Server 2003 R2 in ArcGIS for Desktop, ArcGIS Engine, and ArcReader. Windows Server 2008, Windows Server 2008 R2, and Windows Server 2012 will continue to be supported.
- [Added October 14, 2013] ArcGIS 10.2.1 will be the last release that supports Windows XP and Windows Vista in ArcGIS for Desktop, ArcGIS Engine, and ArcReader. Windows 7, Windows 8, and Windows 8.1 will continue to be supported.
- [Updated June 27, 2014] ArcGIS 10.2.1 will be the last release that supports Visual Studio 2010 in ArcObjects SDK for the Microsoft .NET Framework. ArcGIS 10.3 will continue to support Visual Studio 2012, and we are adding support for Visual Studio 2013.
- [Added June 27, 2014] ArcGIS 10.2.2 will be the last release that supports the legacy manual mode for entering parcel information. ArcGIS 10.3 will not support the manual mode for entering parcel information. With the inclusion of the Parcel Editor toolbar in ArcGIS 10.0 for Desktop and the addition of task-based workflows in the next release, users have more streamlined approaches for updating the parcel fabric.

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### ArcInfo Workstation

- The last release of ArcInfo Workstation was ArcInfo Workstation 10.0. ArcInfo Workstation 10.0 can be used in conjunction with newer versions of ArcGIS for Desktop and will be available to ArcGIS 10.2 users.

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### ArcGIS Runtime 10.2

- [Added June 27, 2014] ArcGIS Runtime SDK 10.2.3 for Qt will be the last release that supports Visual Studio 2012. ArcGIS Runtime SDK 10.2.4 for Qt will only support Visual Studio 2013.
- [Added June 27, 2014] ArcGIS Runtime SDK 10.2.3 for Qt will be the last release that supports Digia's Qt SDK 5.1.1 and earlier. ArcGIS Runtime SDK 10.2.4 for Qt will only support Digia's Qt SDK 5.3 or higher.
- [Added June 27, 2014] ArcGIS Runtime SDK 10.2.3 for Qt will be the last release that supports Ubuntu 10.04. ArcGIS Runtime SDK 10.2.4 will support Ubuntu 12.04 and 14.04.
- [Added June 27, 2014] ArcGIS Runtime SDK 10.2.3 for Java will be the last release that supports Java 6. ArcGIS Runtime SDK 10.2.4 for Java will support Java 7 and Java 8.

- [Added June 27, 2014] ArcGIS Runtime SDK 10.2.3 for Java will be the last release that supports Ubuntu 10.04. ArcGIS Runtime SDK 10.2.4 for Java will support Ubuntu 12.04 and 14.04.
- [Added July 1, 2014] ArcGIS Runtime SDK 10.2.3 for Android is the last release that supports Android API 10–13. The minimum API supported will be Android API 14. We had previously reported that the minimum API supported would be Android API 15, but we will continue to support API 14 ICS in the SDK.
- [Added December 16, 2013] Note: There will not be a 10.2.1 release of the ArcGIS Runtime SDKs. The next release of the Runtime SDKs will be ArcGIS 10.2.2.
- [Corrected December 19, 2013] ArcGIS 10.2 is the last release of ArcGIS Runtime SDK (for Java and WPF) that supports Microsoft Windows Server 2003 and Windows Server 2003 R2. ArcGIS Runtime SDK 10.2.2 (for Java and WPF) will support Windows Server 2008, Windows Server 2008 R2, and Windows Server 2012.
- [Updated December 16, 2013] ArcGIS 10.2 is the last release of ArcGIS Runtime SDK (for Java and WPF) that supports Windows XP and Windows Vista. ArcGIS Runtime SDK 10.2.2 (for Java and WPF) will support Windows 7, Windows 8, and Windows 8.1.
- ArcGIS 10.2.2 will be the last release of ArcGIS Runtime SDK for WPF that supports Microsoft .NET Framework 4. Future releases will leverage newer releases of the Microsoft .NET Framework.
- [Corrected December 30, 2013] With the release of ArcGIS Runtime SDK 10.1.1 for iOS Update 2, support for iOS 5 will be deprecated. ArcGIS Runtime SDK 10.2 for iOS will only support iOS 6 and iOS 7. This means that any apps built with the 10.2 SDK won't be able to run on iPad 1st gen and iPhone 3GS devices, including Esri apps like Collector for ArcGIS and ArcGIS for iOS.
- [Updated November 22, 2013] ArcGIS 10.2.2 will be the last release of ArcGIS Runtime SDK for Java and ArcGIS Engine/ArcObjects SDK for Java with support for Java 6. Note: Oracle announced the end of public update notices for Java SE 6 in February 2013.
- [Added November 22, 2013] ArcGIS 10.2.2 will be the last release of ArcGIS Runtime SDK for Android that supports Android 2.3. Therefore, any apps like ArcGIS for Android built with the 10.2.2 Android SDK won't be able to run on the Android platform version 2.3.
- [Added November 22, 2013] ArcGIS 10.2 is the last release of ArcGIS Runtime SDKs that supports versions of Portal for ArcGIS earlier than 10.2.
- [Added November 22, 2013] ArcGIS 10.2 is the last release of ArcGIS Runtime SDK for Qt that supports Ubuntu 10.04.



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## ArcGIS 10.2 for Server (includes ArcSDE)

- [Added July 31, 2014] Legacy layer definition queries will be deprecated at ArcGIS 10.3 in favor of JSON-based layer definition query patterns. Layer definition queries allow applications to filter GIS data from map services using the ArcGIS REST API. Layer definition queries are part of many popular operations such as Export Map, Find, and Identify. Please see Knowledge Base Technical Article ID 42877 for further details. Note: Applications built with Esri's Runtime and Web API (JavaScript, Flex, and Silverlight) developer products are not affected by this change.
- [Added June 27, 2014] ArcGIS 10.3 for Server will be the last major release with support for Internet Explorer 8 in ArcGIS Server Manager.
- [Updated November 22, 2013] ArcGIS 10.2.1 will be the last release that supports Microsoft Windows Server 2003 and Windows Server 2003 R2 in ArcGIS for Server, ArcGIS Web Adaptor, and ArcSDE. Windows Server 2008, Windows Server 2008 R2, and Windows Server 2012 will continue to be supported.
- [Added October 14, 2013] ArcGIS 10.2.1 will be the last release that supports Windows XP and Windows Vista in ArcGIS for Server. Microsoft Windows 7, Windows 8, and Windows 8.1 will continue to be supported.
- [Corrected December 19, 2013] ArcGIS 10.2.1 will be the last release that supports Windows Vista with Portal for ArcGIS. Windows 7, Windows 8, Windows 8.1, Windows Server 2008, Windows Server 2008 R2, and Windows Server 2012 will continue to be supported.
- ArcGIS 10.2 will be the last major release that supports Internet Explorer 7 in ArcGIS Server Manager.
- Spatial Data Server (IIS and Java)
  - There are no plans to release a new version of Spatial Data Server technology at ArcGIS 10.2. Spatial Data Server 10.1 will be made available to ArcGIS 10.2 for Server users that require it.
  - Users are encouraged to move from Spatial Data Server feature services into core ArcGIS for Server feature services. ArcGIS for Server feature services in 10.2 have been expanded to include capabilities supported by Spatial Data Server.
  - [Added September 16, 2013] ArcGIS 10.2.1 for Desktop will not support connecting to Spatial Data Server to administer or publish feature services.
- ArcSDE and Database
  - [Updated June 15, 2015] While we are not announcing the deprecation of the Esri binary storage geometry types (SDEBINARY with Oracle and SQL Server and SDELOB with Oracle only), this is to serve notice that new features supported in SQL spatial types may not be supported in the binary storage geometry types. Esri recommends that customers consider

migrating existing SDEBINARY/SDELOB data to a native spatial type to leverage new functionality.

- [Added June 27, 2014] At ArcGIS 10.3, our base support for IBM DB2 z/OS will begin at version 10. IBM ended support of DB2 z/OS v9 on June 27, 2014.
- [Added June 27, 2014] ArcGIS 10.2.2 will be the last release that supports PostgreSQL 9.0.5. ArcGIS 10.3 will support PostgreSQL 9.1.3, 9.2.4, and 9.3.2.
- [Updated November 22, 2013] The ArcGIS 10.2 series of releases (ArcGIS 10.2, 10.2.1, and 10.2.2) will be the last releases that include the ArcSDE command line tools. Esri encourages use of the new Geodatabase Administration dialog box in ArcCatalog and ArcMap and the related geoprocessing tools that were introduced at 10.1.
- [Updated November 22, 2013] The ArcGIS 10.2 series of releases (ArcGIS 10.2, 10.2.1, and 10.2.2) will be the last releases that include the ArcSDE application server. Esri encourages those that have deployed an ArcSDE application server to move to new database connections introduced in 10.1 as part of their next upgrade.
- [Updated November 22, 2013] The ArcGIS 10.2 series of releases (ArcGIS 10.2, 10.2.1, and 10.2.2) will be the last releases that support the ArcSDE SDK with the ArcSDE C and Java APIs. Other options are available for developers, including SQL, which is available as a result of the widespread adoption of spatial types, the File Geodatabase API (introduced in 2011), and ArcGIS Runtime SDKs that offer modern environments for the creation of compelling custom applications.

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#### Other 10.2 Notes

- [Added June 27, 2014] While we are not announcing the deprecation of ArcGIS for iOS and ArcGIS for Android (sometimes referred to as the ArcGIS "green app" or "ArcGIS app for Smartphones and Tablets"), this is to serve notice that no further updates are planned. If you are currently using either ArcGIS for iOS or ArcGIS for Android, you can continue to use it. However, we encourage you to evaluate our other app alternatives including ArcGIS Explorer, Operations Dashboard for ArcGIS, and Collector for ArcGIS or use browser-based templates. For more information, see Knowledge Base Technical Article no. 42833. Note: This is the index, and 42830–42832 are the individual FAQs for the green app.
- [Added June 27, 2014] ArcGIS will continue to support CASE tools through the ArcGIS 10.3 release. However, CASE tools may not be shipped with future releases of ArcGIS that follow 10.3. For users interested in geodatabase design with UML, we recommend using Sparx Systems' Enterprise Architect, as it offers many advantages over the CASE tools functionality.
- [Updated November 22, 2013] The ArcGIS 10.2 series of releases (ArcGIS 10.2, 10.2.1, and 10.2.2) will be the last releases that support the License Manager on the Solaris operating system.

- [Updated November 22, 2013] ArcGIS 10.2 is the last release that supports the ArcPad extension to ArcGIS for Server. The ArcPad extension for ArcGIS for Server will not ship with ArcGIS 10.2.1. Users are encouraged to use the new ArcPad feature service capabilities in 10.2 to support disconnected workflows and synchronization to ArcGIS 10.2 for Server services.

Note: ArcPad 10.2 will support online and offline editing through hosted and on-premises feature services, so there's no need for the ArcPad server extension for 10.1 and 10.2 services. We recommend using this native capability if users have 10.1 services. This feature service capability will also work with 10.0 services, but the REST endpoint didn't have all the capabilities it has now (e.g., related tables). For this reason, we will ship the server extension with ArcPad 10.2. It's the same server extension and is being provided for those who want the new version of ArcPad and have 9.3 services or who have 10.0 services and need related table support. In the next version of ArcPad, we will not ship the extension.

- ArcGIS Explorer Online is now in extended phase support. While it will continue to be available, it is no longer being updated.

Complimentary use of Microsoft's Bing Maps with ArcGIS will be phased out completely by December 31, 2013. For additional details, refer to this document: [links.esri.com/bing\\_faq](http://links.esri.com/bing_faq).

- Esri will end support for the legacy ArcGIS Online geocoding and routing services hosted on [tasks.arcgisonline.com](http://tasks.arcgisonline.com) on December 31, 2013. These are currently in extended support. These legacy geocoding and routing services have been replaced by new services available with an ArcGIS Online organizational subscription. The legacy services that will end on December 31, 2013, include the European Address Locator, North American Address Locator, North American Address Locator (ArcGIS 10 style), United States Street Locator, United States Street Locator (ArcGIS 10 style), World Places Locator, European Routing, and North American Routing.
- [Added September 16, 2013] Esri will no longer support the 32-bit version of CityEngine for Windows. CityEngine 2012 will be the last 32-bit release. This means that CityEngine 2013 will be supported on 64-bit versions of Windows, Mac OS, and Linux.
- [Added November 22, 2013] Esri will continue to support the Smart Data Compression (SDC) format through the 10.2 series of releases (ArcGIS 10.2, 10.2.1, and 10.2.2).