
What's New in Esri® Business Analyst™ 10.1 for Server?

Last revised August 28, 2012

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What's New in Esri Business Analyst 10.1 for Server?

Business Analyst™ 10.1 for Server is released with the latest 2011 Esri® Data. This release contains a few new features and software fixes. This document describes the new features and fixes included in the Business Analyst 10.1 for Server release.

Fast, Dependable Services

ArcGIS® 10.1 for Server, the primary engine for powering geospatial infrastructure, allows users to turn any location-based resource into a fast, dependable service that can be used in web, desktop, and mobile applications. ArcGIS 10.1 for Server has the following advantages:

- Available on physical, virtualized, and cloud infrastructures or any combinations thereof
- A native 64-bit application that runs on Windows and Linux
- Much quicker and easier to install
- More versatile and secure

Expanded EsriFolderItem

In Business Analyst 10.1 for Server, the EsriFolderItem has been extended to allow users the ability to incorporate into their analysis items that do not reside in the Business Analyst Server Repository. This is new to Business Analyst for Server in that a feature class stored anywhere can be used, as long as it's accessible to the ArcGIS for Server user. ArcGIS users may have a point feature class stored somewhere on their network or a table that they want to use as an input to a task that analyzes customers of a store. Users also have the option to bring in a polygon feature class from an SQL Server geodatabase and use it as a trade area when creating a benchmark report in Business Analyst for Server. A sample of the new EsriFolderItem using an external feature class is provided below:

```
{
  "WorkspaceName" : null,
  "ProjectName" : null,
  "folderType" : null,
  "itemName" : null,

  "ExternalFCSettings" :
  {
    "FCType" : "esriSDE",

    "ConnectionProperties" :
    {
      "server": null,
      "service" : "sde:sqlserver:localhost\\sqlexpress",
      "database" : "MyDB",
      "featureclass" : "test_fc",
      "login" : "usr",
      "password" : "pwd"
    },
  },
}
```

```
    "FieldMapping" :
    {
        "LongitudeField" : "STORE_LONG",
        "LatitudeField" : "STORE_LAT",
        "StoreIDField" : "STORE_ID",
        "NameField" : "STORE_NAME",
        "DescriptionField" : "AREA_DESC",
        "StoreAddressField" : "STORE_ADDR",
        ...
    }
}
```

This opens the door to a much wider variety of data that can be used in analyses created by Business Analyst for Server.

Business Analyst for Server Capabilities Page in ArcGIS Server Manager

Previous to the release of Business Analyst 10.1 for Server, it was only possible to manage the Business Analyst for Server map service capabilities through the ArcCatalog™ Map Service Properties dialog box. Esri has enabled server object extension support in ArcGIS Server Manager. Business Analyst for Server is taking full advantage of this in the 10.1 release.

Business Analyst for Server Postinstallation Exports Configuration Files Identical to the BAserverConfig.xml and BAserver_DATASETS.xml Files

Previous releases of Business Analyst for Server gave the person running the Business Analyst for Server postinstallation the ability to export a configuration file. This file was not very helpful, as the postinstallation was not able to read it directly. This has been cleaned up; now, if a user exports configuration files after the Business Analyst for Server postinstallation, there is a file that can be used to duplicate that configuration on another machine.

Fusion Report Support

Business Analyst 10.1 for Desktop will allow users to create and use fusion reports by mixing and matching parts of different previously existing report templates together in the same report template. Business Analyst for Server will support uploading and using these report templates in the 10.1 release as well.

New Registry Structure for Business Analyst for Server Data

The registry structure of Business Analyst for Server will be simplified and made to support multiple datasets. New registry keys will be added to support all the variables defined in the BAserverConfig.xml file. This will help international distributors when they are developing their own dataset installations for Business Analyst for Server.

To get additional information about Business Analyst 10.1 for Server, visit the [Business Analyst Server resource center](#).