

Understanding Data Stores

- **GIS Server “data store” concept**

- Valid location that contains data used for web services
- Read/write by the `arcgis` account

- **ArcGIS Data Store**

- Separate software install included with ArcGIS for Server (since 10.3)
- Used to configure and deploy a “hosting server” configuration with Portal for ArcGIS



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GIS Server “data store” Concept

- Valid data source locations accessible by Server site
- 2 types
 1. Databases
 2. Folders
- 2 ways to define
 - ArcGIS Server Manager
 - ArcMap



GIS Server “data store” Concept

- Relates to publishing GIS resources to the GIS Server
- Valid data source locations accessible by Server site
- 2 types
 1. Databases
 2. Folders
- Used to support data registration workflows
 - Publish by referencing the data
 - Publish by replacing data path



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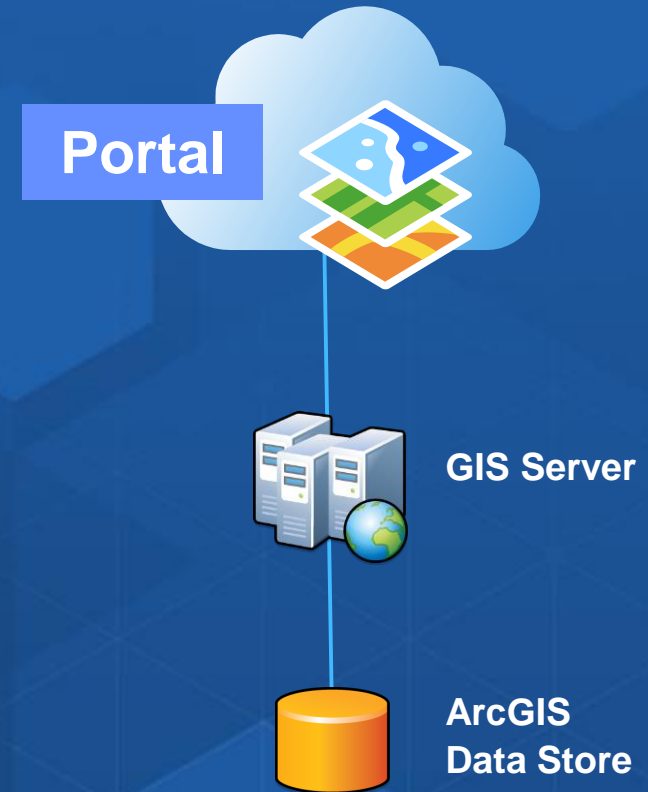


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ArcGIS Data Store – Introduced at 10.3

- Deploy with Portal for ArcGIS to enable publishing directly to Portal
- Enables
 - Scalable hosted feature services
 - 3D scene services
 - Analysis tools in Portal map viewer
- Highly Available
- Automatic Backup and Recovery
- Component of ArcGIS for Server
 - **Separate software install**



ArcGIS Data Store

- Can have 3 types of ArcGIS Data Store

1. **Relational**

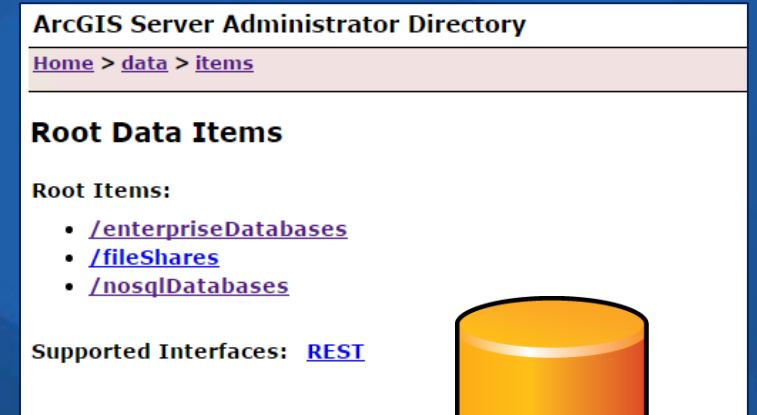
- 1A for hosted feature services
- 1B for scene services (**Tile Cache**)

2. **Spatialtemporal**

- Used to archive high volume data from GeoEvent extension

- You decide which type(s) to use when you install the ArcGIS Data Store

- Wizard will install relational
- Command line enables you to explicitly select which type(s)
 - `<install_directory>\ArcGIS\DataStore\tools\configuredatastore.bat`





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