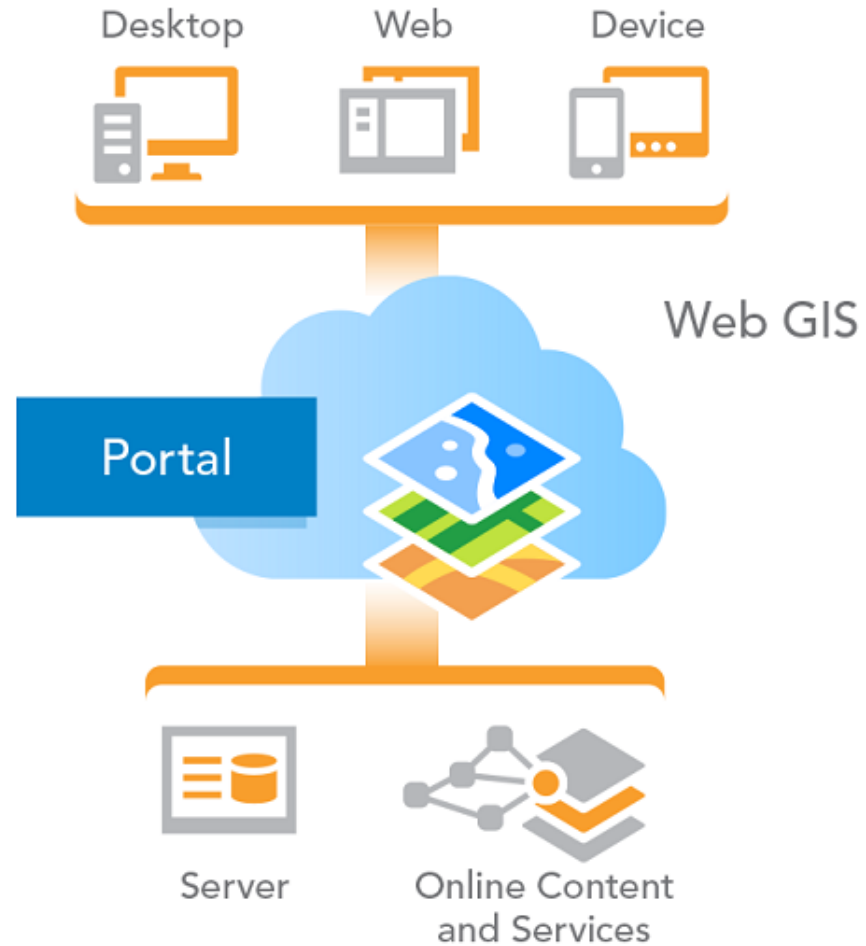


Evolution of GIS Content

OCTOBER 24, 2019

PRESENTED BY: JUSTIN HANSEN

ArcGIS Platform – Web GIS



ArcGIS Enterprise



- Formerly known as ArcGIS for Server
- Software components:
 - ArcGIS Server
 - Portal for ArcGIS
 - ArcGIS Data Store
 - ArcGIS Web Adaptor
- All components existed prior to 10.5



Portal for ArcGIS

- GIS content management platform
- Web frontend to your organizations Web GIS
- Includes infrastructure backend to drive user's experience



ArcGIS
Server



Portal
for ArcGIS



ArcGIS
Web Adaptor



ArcGIS
Data Store

Image courtesy of Esri

Portal for ArcGIS – Capabilities

- Browse, search, and discover GIS assets
- Self-service mapping
- Content creation and management
- Sharing and collaboration
- Data hosting and mapping
- Visualization, collection, and analysis
- Ready to use maps and layers

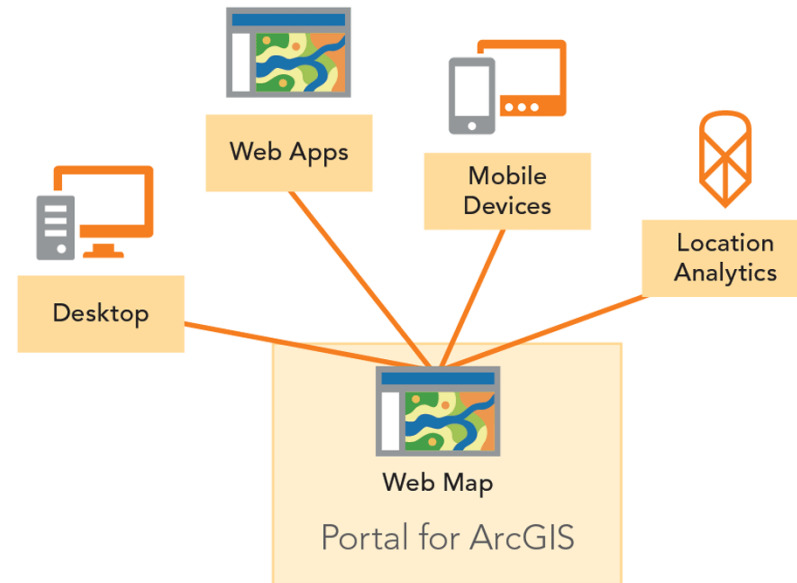
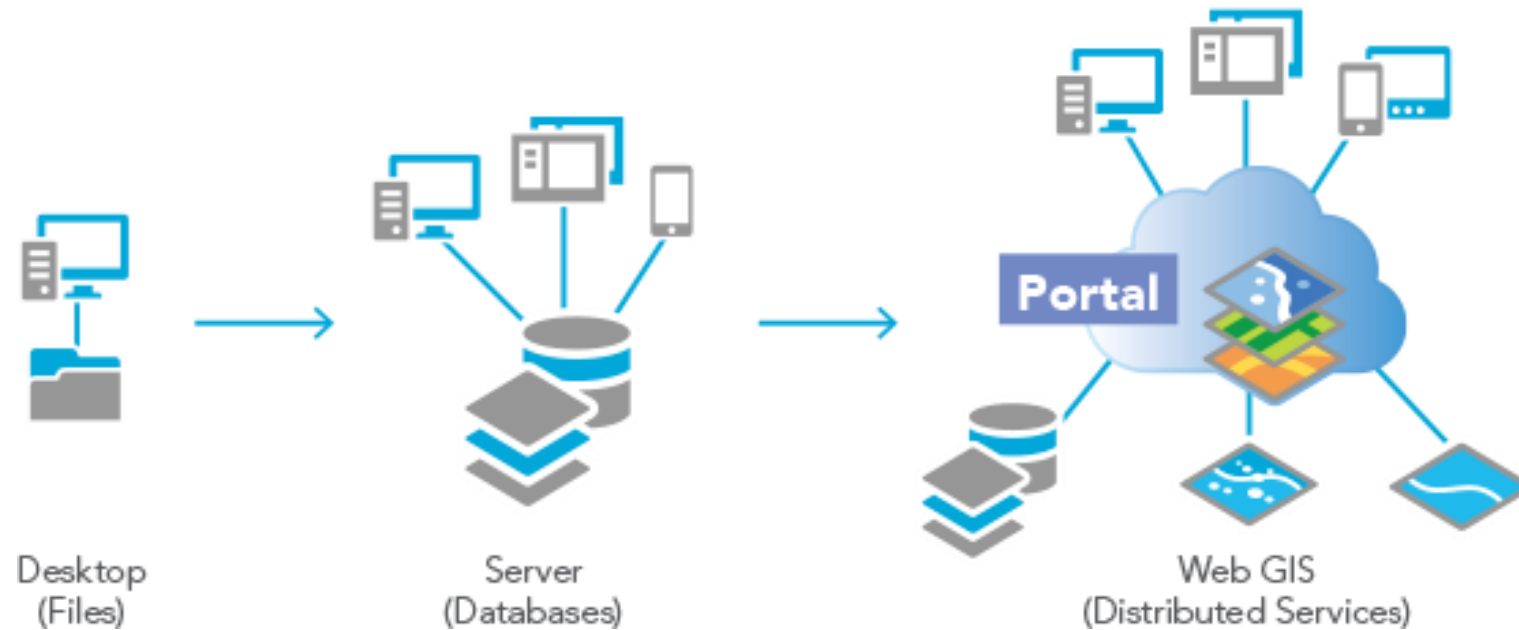


Image courtesy of Esri

ArcGIS Platform – Evolution



ArcGIS Data Store

- Introduced at 10.3
- Managed data repository / appliance
- Stores spatial content copied to Portal as hosted content
- Three versions
 - Relational data store
 - Hosted feature layers
 - Tile Cache data store
 - Scene layer caches
 - Spatiotemporal big data store
 - Real-time data
 - GeoAnalytics output



ArcGIS
Server



Portal
for ArcGIS



ArcGIS
Web Adaptor

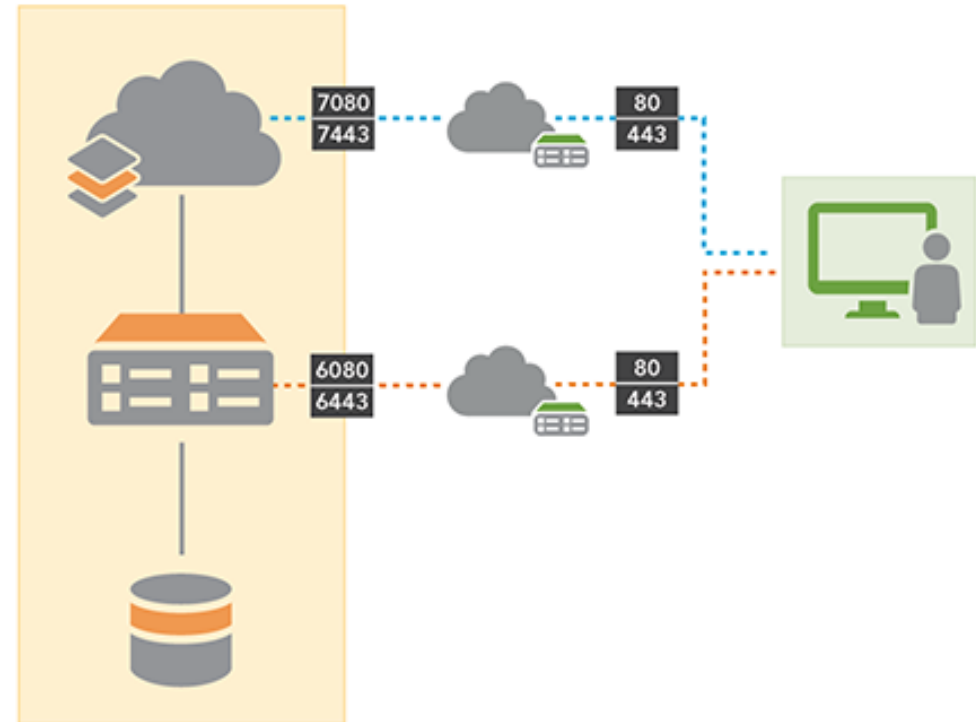


ArcGIS
Data Store

Image courtesy of Esri

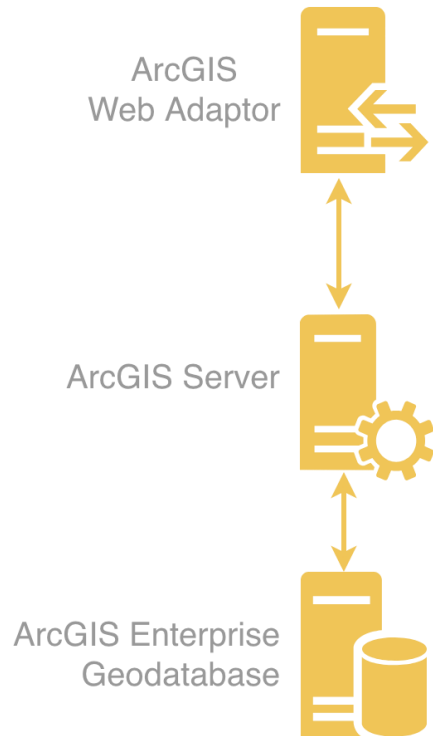
Federation With Portal

- Integrating Portal with ArcGIS Server site
- Optional
- Required for:
 - Hosting services published via Portal
 - Performing spatial analysis in Map Viewer
- Hosting server: allows hosting of services and integration with ArcGIS Data Store

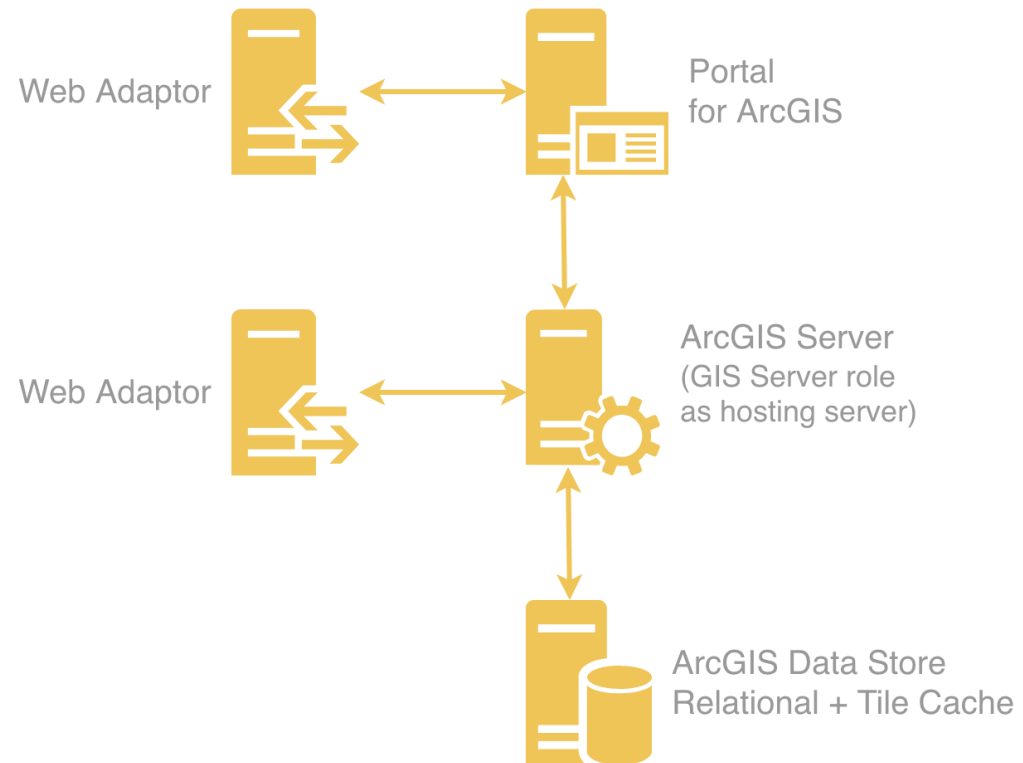


ArcGIS Server to ArcGIS Enterprise

Typical deployment of ArcGIS Server



Base deployment of ArcGIS Enterprise





Thank You

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