Understanding the ArcGIS for Server Web Adaptor (IIS)

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Agenda

• What is Web Adaptor
• When to use it
• Benefits of using the Web Adaptor
• Demo
  - Installation and Configuration
  - Configuring Integrated Windows Authentication- SSO
  - Leveraging IIS capabilities
What is Web Adaptor

- Optional but integral component of ArcGIS Server
- Integrates GIS Server with existing Web Server

http://gis_server:6080/arcgis
http://web_server/maps

Web Server with Web Adaptor

GIS Server

Server Directories
Config Store
Database
When to use it

- You want to integrate GIS Server with your Enterprise Web Server
- You want to serve your maps through port 80 or 443
- You want to secure GIS Server with Reverse Proxy
Benefits

- Allows you to block external Administrative Access
- Windows integrated Authentication can be used – Provides Single Sign-On experience
- Secures GIS Server like a reverse proxy
- Provides high availability by forwarding requests to machines in a multi-node site in a round robin fashion
- Smart to know if a node goes down or a new node is added

http://Web_Server/maps

Web Server with Web Adaptor

Port 80

http://GIS_SERVER1:6080/arcgis

http://GIS_SERVER2:6080/arcgis

Server Directories Config Store
Demo

- Installation and Configuration
- Enabling Integrated Windows Authentication
- Leveraging IIS capabilities