

ArcGIS Enterprise: Getting Started

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Introduction to ArcGIS Enterprise

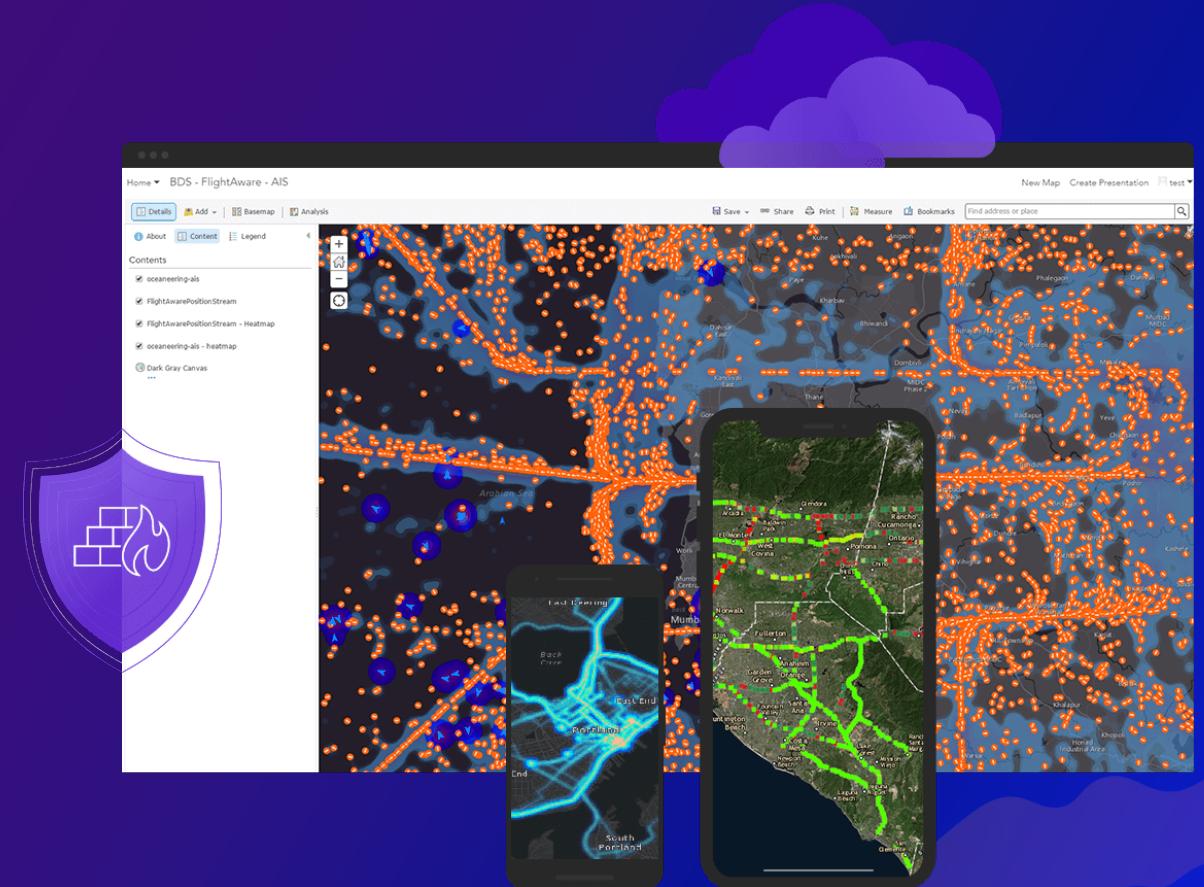
Product Overview

Key Admin Workflows

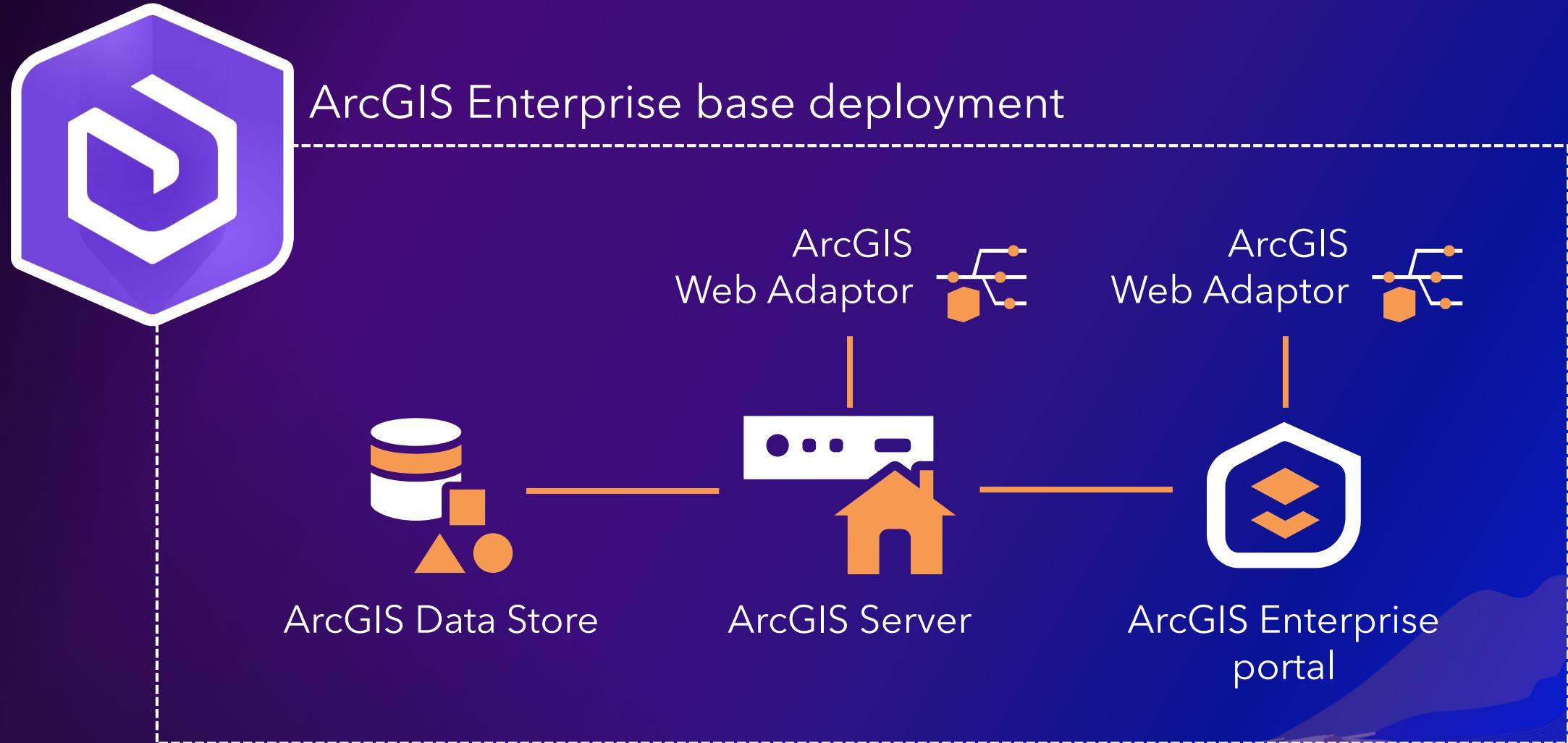
ArcGIS Enterprise is the foundational system for mapping and visualization, data management, spatial analysis, and application building.

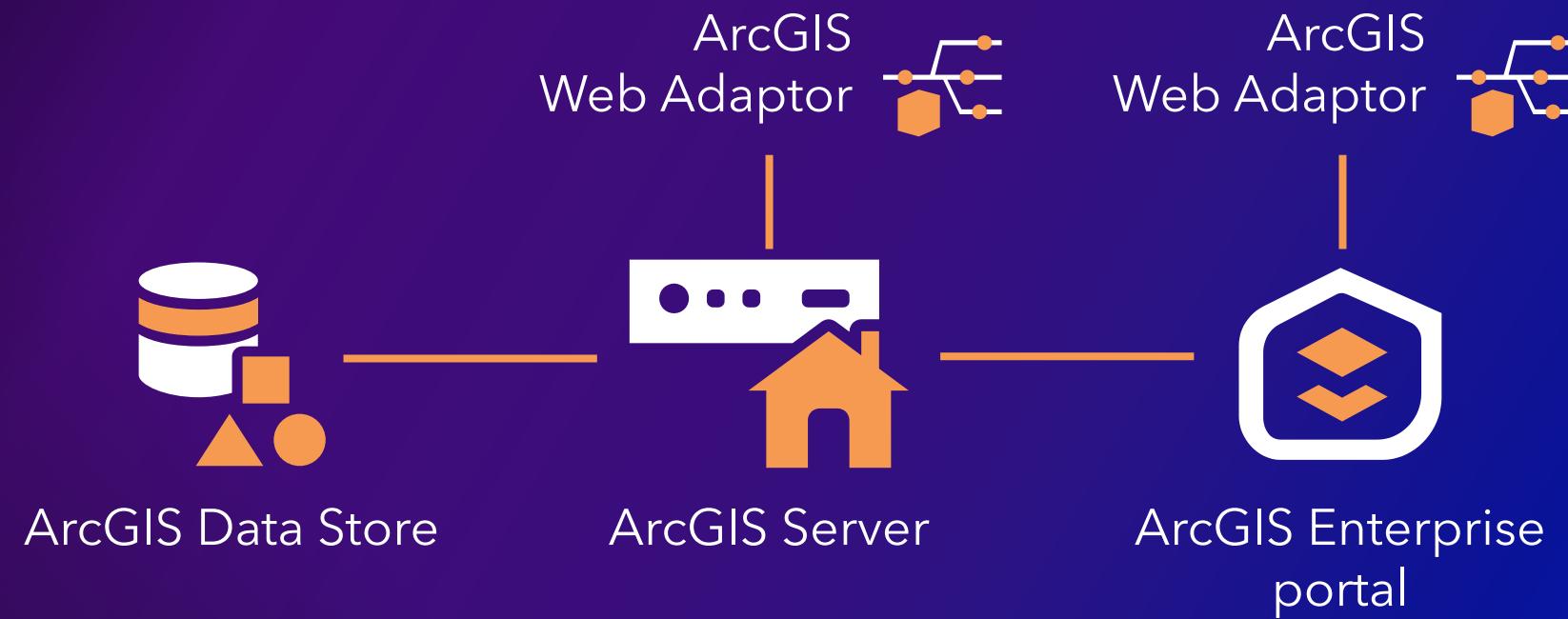
It is the backbone for your GIS workflows. It is designed to integrate with ArcGIS Pro, ArcGIS Online, and Esri's suite of applications.

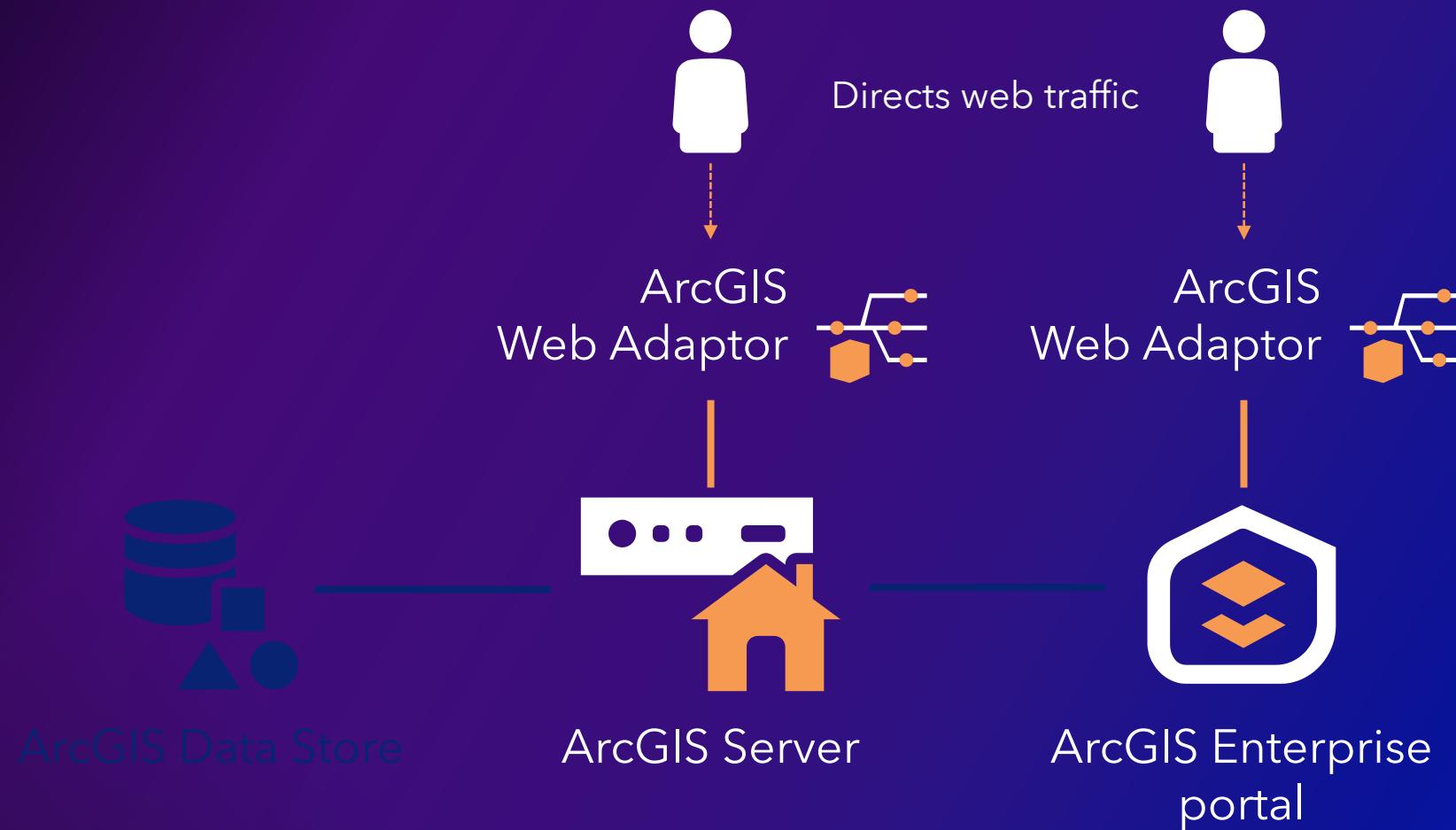
ArcGIS Enterprise is installed on infrastructure you control, whether in the cloud or on-premises, and is scalable to meet your needs.



ArcGIS Enterprise components

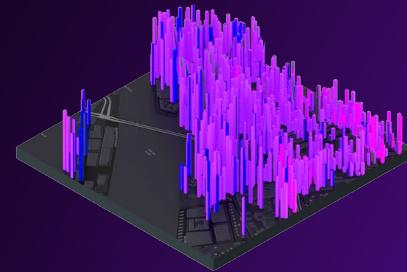












GeoAnalytics
Server

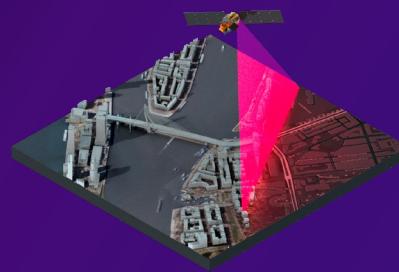
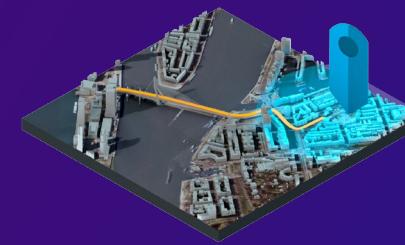
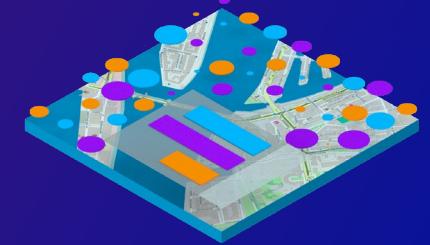


Image
Server



GeoEvent
Server



Notebook
Server



ArcGIS Data Store



ArcGIS Server

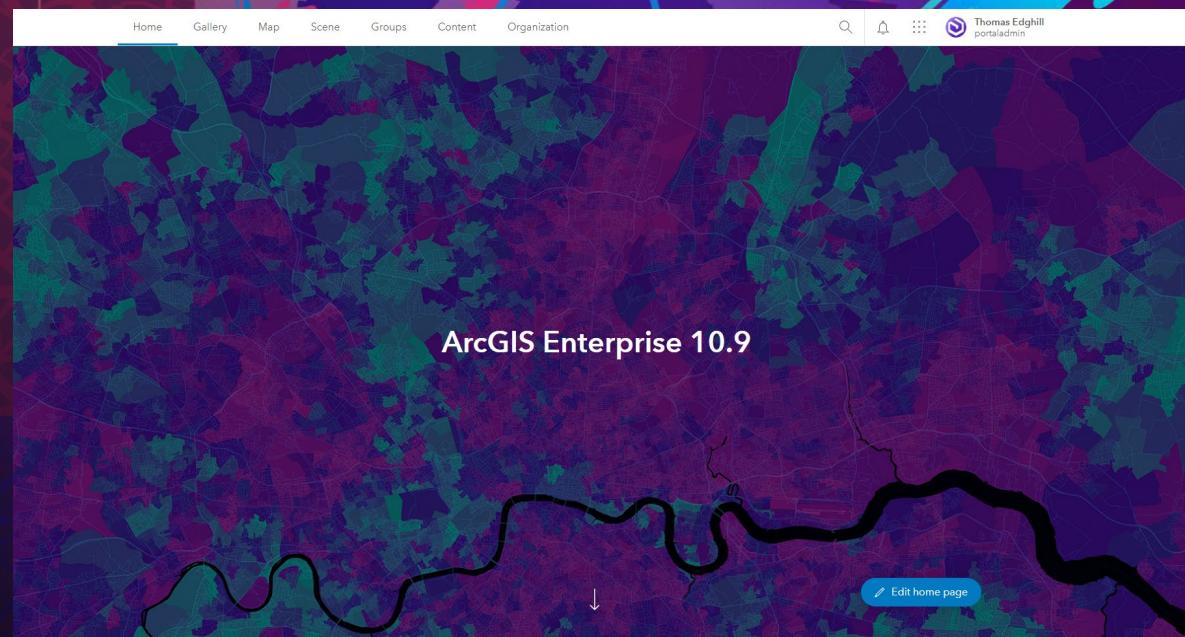


ArcGIS Enterprise
portal

ArcGIS Server can be licensed with additional server roles, each with its own respective capabilities.



Manage users and licenses
Share content from desktop GIS
View and work with content in a map viewer
Bring in GIS items from web
Produce outputs (maps, analysis, apps)



Key Admin Workflows: Members & Groups

Thomas Edghill

Recap: Adding members and groups to your Enterprise portal

- Adding Members
 - Work with Built-in portal accounts & Organization-specific account
 - Adding members one-at-a-time, or in bulk
 - Configure user type, role, licenses, group membership and settings while adding
- Groups
 - A way to organize items and control member access
 - Many configuration options such as:
 - Who can view or join the group?
 - Who can contribute to the group?
 - What items can members update in the group?
- Administrative Groups
 - A group where members are unable to leave once added
 - Only the group owner or a group manager can remove members
 - Effective for easy membership control

Home Gallery Map Scene Groups Content Organization

ArcGIS Enterprise 10.9

Overview Members Licenses Status Settings

Search Settings

General

Organization profile

Name
The name is displayed in the gallery title and on the organization page.
ArcGIS Enterprise 10.9

Logo
The logo is displayed on the organization page.
Upload image

Delete

General

Home page

Gallery

Map

Items

Groups

Utility services

ArcGIS Online

Servers

Scroll to section

Organization profile

Contact link

Organization defaults

Administrative contacts

Shared theme

Navigation bar

Key Admin Workflows: Organization Settings

Thomas Edghill

Recap: Key settings when administering ArcGIS Enterprise

- Security
 - Confirm security policies
 - Refine password policy
 - Establish advanced login and authentication settings
 - Set Information banner & Access notice
- General/Home Page
 - Configure organization look and feel
 - Manage navigation bar visibility
- Servers
 - Validate and add ArcGIS Server sites for expanded capabilities
- Member Roles
 - Fine-tune what your users can do
- New Member Defaults
 - Choose default user types, roles, licenses and groups for all new members

Key User Workflows

Getting started with managing, sharing, and analyzing your data in ArcGIS Enterprise

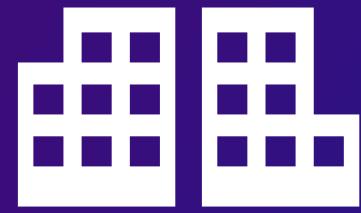
Sharing Options in the Enterprise portal



Not shared



Shared with
one or more
groups



Shared with
your whole
organization

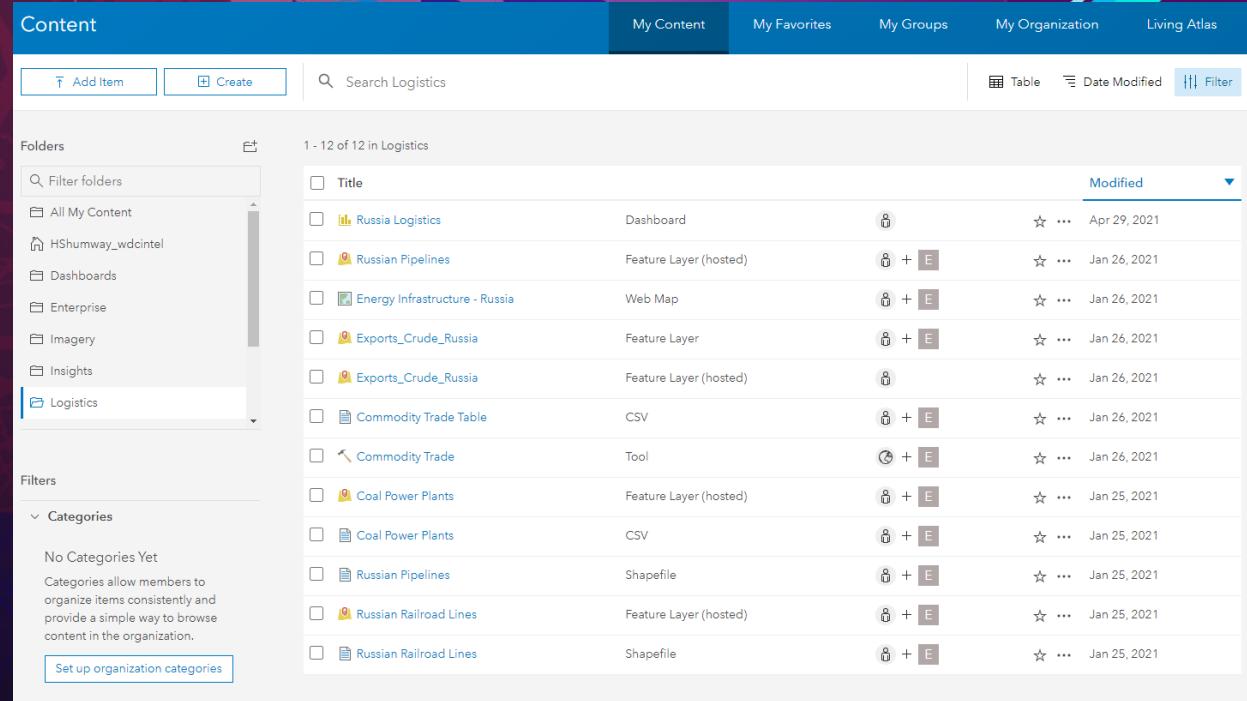


Shared with
everyone



Most secure
Least access

Least secure
Most access



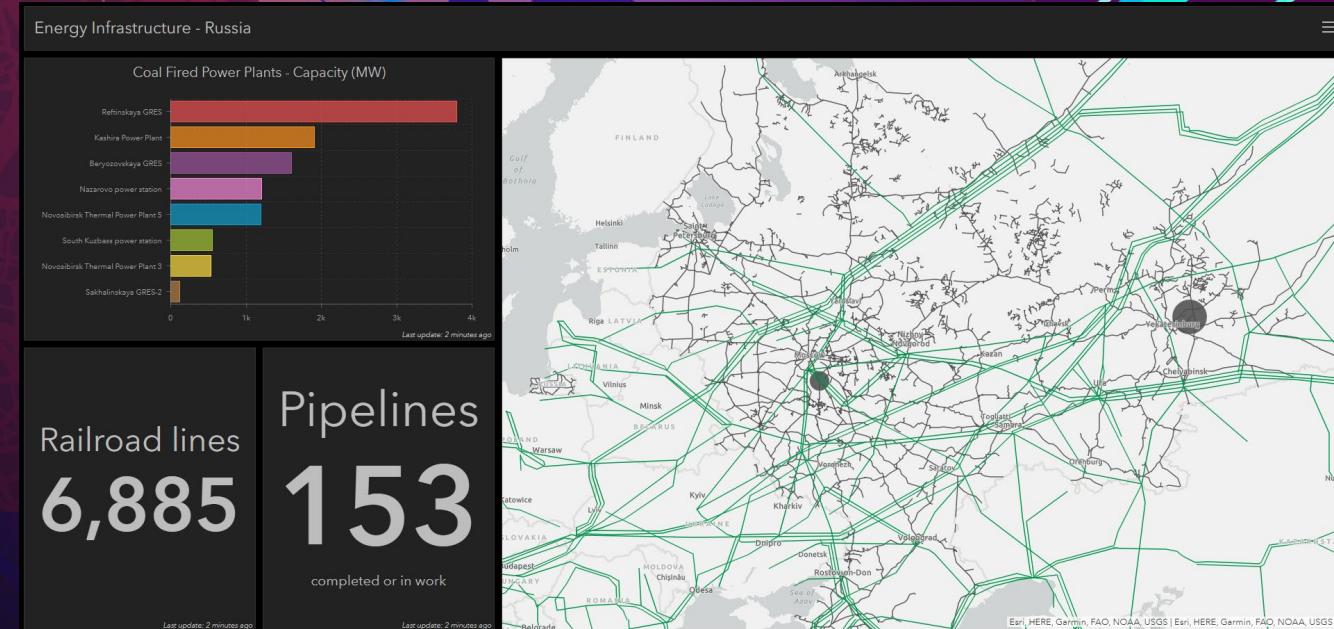
The screenshot shows the ArcGIS Enterprise Content page. The top navigation bar includes 'Content', 'My Content', 'My Favorites', 'My Groups', 'My Organization', and 'Living Atlas'. Below the navigation is a search bar with the placeholder 'Search Logistics' and a 'Table' button. The main content area displays a list of 12 items in the 'Logistics' folder, ordered by 'Modified' date. The items are as follows:

Title	Type	Modified
Russia Logistics	Dashboard	Apr 29, 2021
Russian Pipelines	Feature Layer (hosted)	Jan 26, 2021
Energy Infrastructure - Russia	Web Map	Jan 26, 2021
Exports_Crude_Russia	Feature Layer	Jan 26, 2021
Exports_Crude_Russia	Feature Layer (hosted)	Jan 26, 2021
Commodity Trade Table	CSV	Jan 26, 2021
Commodity Trade	Tool	Jan 26, 2021
Coal Power Plants	Feature Layer (hosted)	Jan 25, 2021
Coal Power Plants	CSV	Jan 25, 2021
Russian Pipelines	Shapefile	Jan 25, 2021
Russian Railroad Lines	Feature Layer (hosted)	Jan 25, 2021
Russian Railroad Lines	Shapefile	Jan 25, 2021

On the left sidebar, under 'Folders', 'Logistics' is selected. Under 'Filters', 'Categories' is expanded, showing 'No Categories Yet' and a link to 'Set up organization categories'.

Managing and sharing data in ArcGIS Enterprise

Hannah Shumway



Analyzing data to create maps and applications in ArcGIS Enterprise

Hannah Shumway

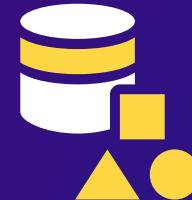
Logs - Portal, Server, Data Store



ArcGIS Enterprise
portal



ArcGIS Server



ArcGIS Data Store

Portal Administrator Directory

[Home](#)

Site Root - /

Version: 10.8

Resources: [System](#) [Security](#) [Federation](#) [Logs](#) [Machines](#) [License](#) [Mode](#)

Supported Operations: [Export Site](#) [Import Site](#)

Supported Interfaces: [REST](#)

ArcGIS Server Manager

Services Site Security Logs

[View Logs](#) [Error Reports](#) [Statistics](#)

[Printer Friendly View](#) | [Help](#) [Columns](#) [Delete Logs](#) [Settings](#)

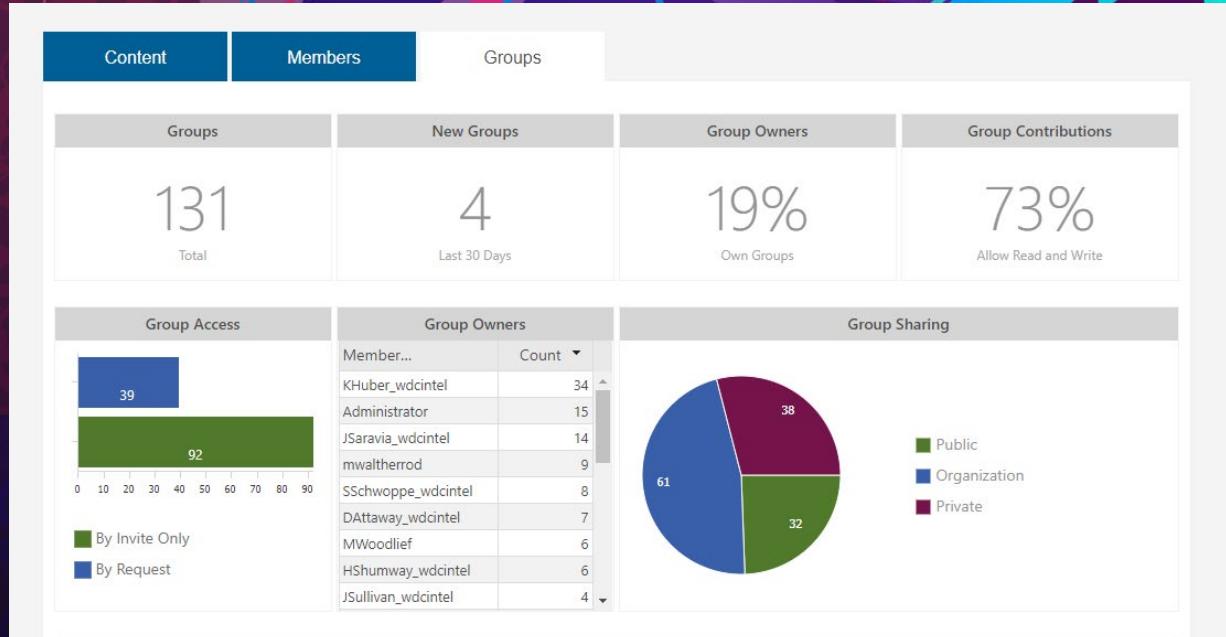
View Log Messages

View log messages by querying based on the level, age and source of the messages and clicking Query.

Change the level of detail that the log messages are generated at by clicking Settings.

Log Filter: [Warning](#) Age: [Last Hour](#) Source: [All](#) Machine: [All Machines](#) [Query](#)

All
Server Framework
ArcGIS Data Store
All Services



Monitoring your ArcGIS Enterprise

Hannah Shumway



Key User Workflows: Managing, sharing, and analyzing your data in ArcGIS Enterprise

Monitoring Your Deployment: Licenses, reports, and logs for examining usage and system health

Resources

- Documentation
 - [ArcGIS Enterprise Essentials](#)
- Learn Lessons
 - [Get Started with ArcGIS Enterprise](#)
 - [Set up an ArcGIS Enterprise portal](#)
 - [Get Started with Map Viewer](#)
 - [Manage Data](#)
 - [Solve a Spatial Problem](#)
- Esri Training Courses
 - [Sharing GIS Content Using ArcGIS](#)
 - [ArcGIS Enterprise: Administration Essentials](#)
 - [ArcGIS Enterprise: Administration Workflows](#)





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