Deploying Portal for ArcGIS
Enable a complete Web GIS in your infrastructure

Register now

SGD$960 / pax

Level: intermediate | Course duration: 2 days

Learn best practices to deploy Portal for ArcGIS to meet your organization's need for private, secure geospatial content sharing.

What is the course about?

This course introduces the architectural and security models that support Web GIS workflows. You will learn how to configure Portal for ArcGIS and its supporting GIS service and data-hosting components to enable a complete Web GIS in your infrastructure.

Who is the target audience?

ArcGIS for Server administrators and others who need to support a Portal for ArcGIS deployment.

Are there any prerequisites?

- Completion of ArcGIS for Server: Site Configuration and Administration or equivalent knowledge is required

esri Singapore

What skills will I learn?

After completing this course, you will be able to:

- Install, configure, and license Portal for ArcGIS software
- Create and manage user accounts and configure enterprise authentication
- Create enterprise groups to efficiently organise and manage access to portal content
- Publish ArcGIS services to validate the portal configuration
- Integrate a portal with an ArcGIS Server site to add capabilities and simplify user access and content publishing workflows
- Apply techniques to optimise the performance of your organisation's portal

Course topics

Understanding Web GIS

- Evolution of GIS
- Portal for ArcGIS enables a Web GIS
- ArcGIS for Server evolution
- Evaluate the ArcGIS infrastructure

Performing the initial configuration of your portal

- Why does ArcGIS offer two GIS portals?
- Comparing ArcGIS Online and Portal for ArcGIS functionality
- Perform the initial configuration of your portal

Using built-in accounts with your portal

- User privileges hierarchy
- Levels of portal sharing
- Community versus identity security models
- Portal licensing model
- Work with Portal for ArcGIS built-in users

Leveraging enterprise accounts in Portal for ArcGIS with IWA

- Why should you care about IWA?
- IWA configuration steps
- Leveraging enterprise groups from Portal for ArcGIS
- Portal best security practices
- Configure single sign-on with IWA

Integrating ArcGIS for Server with Portal for ArcGIS through federation

- Portal for ArcGIS subsumes ArcGIS for Server security
- When to federate or not to federate
- Federate stand-alone servers under Portal for ArcGIS
- Federate ArcGIS for Server

Implementing a hosting server

- Designate a federated server as the hosting server
- Leverage a single site for development and testing
- Complete a Web GIS configuration

Applying Web GIS workflows

- Multiple portals: Distributed Web GIS
- Web GIG deployment options
- Requirements for portal analysis
- Portal Analysis
- Share content using ArcGIS Pro

Minimising downtime and data loss

- Back up a Web GIS
- Back up and restore considerations
- Use the webgisdr tool