Enterprise Administration Professional

2201

Exam Details:

Enterprise Administration Professional 2201

- Exam Questions: 65
- Exam Type: Core
- Exam Format: Multiple Choice
- Exam Language: English
- Exam Cost: $250 USD

Exam Purpose:

The Enterprise Administration Professional exam validates skills related to deploying ArcGIS Enterprise; configuring, maintaining, and troubleshooting the core components; and managing updates to services and apps. This exam will test the candidate's experience applying these skills and processes to support enterprise GIS workflows.

Target Candidate Audience:

The Enterprise Administration Professional exam is for candidates with experience applying ArcGIS concepts and processes to relative workflows. It is recommended candidates have at least 2 years of experience installing, configuring, and supporting ArcGIS Enterprise. Target audience is also candidates who have the following or similar roles: ArcGIS Enterprise administrators, ArcGIS consultants, System integrators, System administrators, GIS managers.

Description of Qualified Candidate:

The Enterprise Administration Professional exam is designed for candidates with at least two years of knowledge, understanding, and experience with ArcGIS Enterprise. It is recommended that the candidate have extensive experience implementing and administering ArcGIS Enterprise according to Esri best practices. A qualified candidate can troubleshoot common technology issues and distinguish between ArcGIS Enterprise components and supported systems issues, such as RDBMS and web servers.

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CANDIDATE QUALIFICATIONS

A qualified candidate should be able to perform the following tasks:

- Install and configure a base ArcGIS Enterprise deployment
- Troubleshoot ArcGIS Enterprise deployments
- Understand, implement, and troubleshoot ArcGIS software licensing
- Follow ArcGIS Enterprise security best practices
- Understand basic operating system administration
- Integrate identity store/provider
- Federate an ArcGIS Server
- Publish and administer web services
- Manage users, groups, and content
- Differentiate between service types and their uses
- Understand item dependencies
- Access and use the REST API
- Register data stores (e.g., folders, databases, cloud storage)
- Identify when Python could be used to automate administration workflows
- Access and interpret ArcGIS Enterprise logs
- Use WebGISDR
- Use appropriate Esri automation deployment methods
- Understand different ArcGIS Server roles (e.g., GeoEvent Server, Image Server, Notebook Server, etc.)
- Determine system health, conduct performance tuning, and identify bottlenecks across an ArcGIS Enterprise deployment

A qualified candidate should NOT be familiar with the following:

- Install and configure a high-availability deployment of ArcGIS Enterprise
- Auto-scale ArcGIS Enterprise
- Computer networking administration
- Administer geodatabases
- Application development
- Perform GIS analyses
- Deploy ArcGIS Enterprise on Kubernetes
- ArcGIS Server extensions (e.g., ArcGIS Maritime, ArcGIS Data Interoperability)
- Author Python scripts
- Non-Esri system software

A qualified candidate should be familiar with the following tool:

- ArcGIS Enterprise

SKILLS MEASURED

Candidates should fully prepare for testing using the exam content sections below as a checklist to identify possible gaps between their knowledge and the skills measured by the exam. The relative weight illustrates the approximate size of each section. It is recommended that focused preparation should be in areas where any knowledge gaps are found.

Implement and Deploy ArcGIS Enterprise   31%

- Apply Esri guidelines to install and configure an ArcGIS Enterprise deployment
- Apply Esri best practices to configure security for ArcGIS Enterprise
- Apply procedural concepts to authorize ArcGIS Enterprise
- Identify appropriate ArcGIS Server roles
- Identify appropriate ArcGIS Data Store types

Troubleshoot ArcGIS Enterprise   17%

- Troubleshoot functional issues between ArcGIS Enterprise components
- Interpret ArcGIS Enterprise logs
- Troubleshoot performance issues

Maintain and Support ArcGIS Enterprise   22%

- Determine how to perform system health checks and maintain stability
- Apply best practices to conduct backups and restorations
- Apply procedural concepts to optimize services
- Apply Esri guidelines to upgrade ArcGIS Enterprise

Manage Content   31%

- Apply procedural concepts to configure service capabilities and properties to meet user requirements
- Apply procedural concepts to register on-premises or cloud-based data sources
- Apply procedural concepts to manage groups and content
- Apply procedural concepts to manage users
- Apply procedural concepts to set up and manage distributed collaborations
- Apply procedural concepts to configure portal website

RESOURCES

These training resources along with the list of exam objectives may be used to identify appropriate training options for any possible knowledge gaps but are not required.

The Esri curated exam Learning Plan is updated continually based on Esri Academy courses and the content retirement schedule.

Please note that completing the recommended training courses does not guarantee a passing score on a specific certification exam.

ESRI ACADEMY

- [Exam Description Page](#)
- [Exam Preparation Video](#)
- [Enterprise Administration Professional 2201 Certification Learning Plan](#)

ESRI COMMUNITY

- [Esri Technical Certification](#)
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- [Esri Exam Preparation Resources](#)
- [Primary Exam Article](#)
- [Exam Version Article](#)

LINK TO ARCGIS DOCUMENTATION

- [ArcGIS Documentation](#)