

Esri

ESDP_2025

Esri ArcGIS Enterprise System Design Professional 2025

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Latest Version: 6.0

Question: 1

A consultant must calculate concurrent service capacity for a multi-machine ArcGIS Server site. Which Esri tool provides this estimation?

Response:

- A. Capacity Planning Tool (CPT)
- B. ArcGIS Online Usage Reports
- C. Portal Admin Directory

Answer: A

Question: 2

Which architectural pattern uses a central Portal to manage multiple federated Server sites?

- A. Hub-and-spoke architecture
- B. Single-machine architecture

Answer: A

Question: 3

In a multi-department environment, how can administrators restrict which servers host specific services?

- A. Assign dedicated Server roles and service types per site
- B. Enable anonymous access
- C. Place all services in a single site

Answer: A

Question: 4

A GIS analyst needs to calculate system capacity for 2,000 concurrent map-service requests per minute. Which tool or resource should be referenced first?

- A. ArcGIS Pro System Requirements
- B. Capacity Planning Tool (CPT)
- C. ArcGIS Server Manager dashboard

Answer: B

Question: 5

Which factor influences whether an organization uses tiered or flat architecture?

- A. Security and infrastructure complexity
- B. Map scale and symbology
- C. License edition

Answer: A

Question: 6

When designing a solution that includes both map image and feature services, which Esri component is mandatory for hosted feature services?

- A. Relational Data Store
- B. ArcGIS Monitor Agent
- C. Tile Cache Data Store

Answer: A

Question: 7

Which factor should be primarily considered when selecting between single-machine and multi-machine ArcGIS Server sites?

- A. Number of web maps
- B. Expected concurrency and performance requirements
- C. Number of Portal users

Answer: B

Question: 8

When selecting a Data Store type for vector tile caching, which store should be used?

- A. Tile Cache Data Store
- B. Relational Data Store
- C. Spatiotemporal Data Store

Answer: A

Question: 9

Which network tier typically contains the ArcGIS Web Adaptor component?

- A. Backend data tier
- B. Application tier
- C. DMZ (web tier)

Answer: C

Question: 10

What is the primary purpose of ArcGIS Monitor in system design validation?

- A. Collect metrics on system performance and resource utilization
- B. Automate Portal content backup
- C. Publish web maps automatically

Answer: A

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