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NEW QUESTION: 1

An organization wants to publish image services and vector tiles. Which minimum set of server roles is required?

- A. Notebook Server only
- B. GeoEvent Server and Notebook Server
- C. Image Server and Tile Cache Server

Answer: C ([LEAVE A REPLY](#))

NEW QUESTION: 2

Which Esri component provides organization-wide content search, sharing, and user management?

- A. ArcGIS Monitor
- B. Portal for ArcGIS
- C. ArcGIS Server

Answer: ([SHOW ANSWER](#))

NEW QUESTION: 3

Which authentication model is most appropriate when ArcGIS Enterprise must integrate with an organization's Active Directory?

- A. Token-based authentication
- B. Windows Integrated Authentication via IWA
- C. SAML with Google Identity

Answer: ([SHOW ANSWER](#))

NEW QUESTION: 4

An administrator needs to detect network bottlenecks between clients and ArcGIS Server. Which tool is most appropriate?

- A. Portal sharing summary
- B. ArcGIS Monitor Network tab
- C. ArcGIS Server Manager map preview

Answer: ([SHOW ANSWER](#))

NEW QUESTION: 5

Which Esri tool provides a web-based interface to view service health and status across the deployment?

- A. ArcGIS Server Manager
- B. ArcGIS Monitor Dashboard
- C. ArcGIS Pro Performance Analyzer

Answer: ([SHOW ANSWER](#))

NEW QUESTION: 6

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: ([SHOW ANSWER](#))

NEW QUESTION: 7

Given a scenario where server capacity is underestimated, which first action should a designer take to scale ArcGIS Server resources without downtime?

- A. Increase CPU cores on each existing machine
- B. Restart the site with larger memory allocation
- C. Add an additional machine to the site cluster

Answer: ([SHOW ANSWER](#))

NEW QUESTION: 8

Which configuration change enables multiple ArcGIS Web Adaptors to connect to the same Portal?

- A. Configure each Web Adaptor with identical Web Context URLs
- B. Install one Web Adaptor per server only
- C. Register all Web Adaptors during Portal setup

Answer: ([SHOW ANSWER](#))

NEW QUESTION: 9

Which error most commonly indicates a Data Store is not registered with the hosting server?

- A. "HTTP 404: Page not found"
- B. "ERROR 001628: Data Store connection not found"

C. "Portal license expired"

Answer: ([SHOW ANSWER](#))

NEW QUESTION: 10

Which design principle defines how services should be distributed to avoid resource contention between tasks?

- A. Content federation
- B. Horizontal scaling
- C. Workload separation

Answer: ([SHOW ANSWER](#))

NEW QUESTION: 11

Which Esri concept ensures services remain available even when a node fails?

- A. High availability clustering
- B. Single node deployment
- C. Manual restart of services

Answer: A ([LEAVE A REPLY](#))

NEW QUESTION: 12

Which backup frequency is typically recommended for critical ArcGIS Enterprise systems with daily content changes?

- A. Monthly incremental copy
- B. Weekly manual export only
- C. Daily WebGIS DR backups

Answer: ([SHOW ANSWER](#))

NEW QUESTION: 13

Which Portal role should be assigned to users who need to publish hosted feature layers but not manage the system?

- A. Administrator
- B. Viewer
- C. Publisher

Answer: C ([LEAVE A REPLY](#))

NEW QUESTION: 14

A customer needs a solution where field workers edit hosted feature layers offline and sync later. Which architecture supports this?

- A. ArcGIS Monitor with offline agents
- B. ArcGIS Enterprise with Sync Enabled Feature Services
- C. Static Map Image Services

Answer: ([SHOW ANSWER](#))

NEW QUESTION: 15

Which Esri tool should be used to validate system component health after deployment?

- A. ArcGIS Pro
- B. Portal Admin Directory
- C. ArcGIS Monitor

Answer: ([SHOW ANSWER](#))

NEW QUESTION: 16

Which component in ArcGIS Enterprise handles token-based authentication for service requests?

- A. Web Adaptor
- B. ArcGIS Server
- C. ArcGIS Data Store

Answer: ([SHOW ANSWER](#))

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NEW QUESTION: 17

Which approach is recommended to maintain resiliency of the spatiotemporal Data Store?

- A. Run it on a single machine to simplify management
- B. Use object storage for tables
- C. Deploy a multi-machine cluster with replication enabled

Answer: ([SHOW ANSWER](#))

NEW QUESTION: 18

What design principle should be followed to improve fault tolerance in ArcGIS Enterprise?

- A. Disable monitoring to reduce load
- B. Avoid single points of failure (SPOF)
- C. Use one machine per role only

Answer: ([SHOW ANSWER](#))

NEW QUESTION: 19

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

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

Answer: ([SHOW ANSWER](#))

NEW QUESTION: 20

Which Esri tool can be used to validate a backup of ArcGIS Enterprise components before restoration?

- A. portaladmin --verifylicense
- B. configuredatastore --status
- C. webgisdr --validate

Answer: ([SHOW ANSWER](#))

NEW QUESTION: 21

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. Portal Admin Directory
- C. ArcGIS Online Usage Reports

Answer: ([SHOW ANSWER](#))

NEW QUESTION: 22

During an ArcGIS Enterprise upgrade, the Data Store relational service fails. Which command-line tool helps validate its status?

- A. serveradmin --ping
- B. portaladmin --check
- C. configuredatastore.bat --status

Answer: ([SHOW ANSWER](#))

NEW QUESTION: 23

Which design choice minimizes latency for users worldwide accessing ArcGIS Enterprise?

- A. Deploy a global CDN for static web content
- B. Host all services in a single region
- C. Increase portal timeout values

Answer: ([SHOW ANSWER](#))

NEW QUESTION: 24

Which ArcGIS Server role enables distributed computing of vector analysis jobs?

- A. Notebook Server
- B. GeoAnalytics Server
- C. Image Server

Answer: ([SHOW ANSWER](#))

NEW QUESTION: 25

Which log level should be enabled to capture detailed server communication errors during deployment testing?

- A. Warning
- B. Error
- C. Verbose

Answer: ([SHOW ANSWER](#))

NEW QUESTION: 26

Which deployment type offers full control over server scaling, networking, and OS configuration?

- A. ArcGIS Enterprise on Kubernetes
- B. ArcGIS Enterprise on virtual machines
- C. ArcGIS Online

Answer: ([SHOW ANSWER](#))

NEW QUESTION: 27

Which ArcGIS Monitor component is responsible for collecting metrics from Enterprise servers?

- A. Monitor Database
- B. Collector Agent
- C. Monitor Administrator

Answer: B ([LEAVE A REPLY](#))

NEW QUESTION: 28

An organization's feature services stop responding after a data schema change. What is the first recommended action?

- A. Rebuild the entire Data Store
- B. Restart the ArcGIS Server site service
- C. Re-publish the affected services

Answer: ([SHOW ANSWER](#))

NEW QUESTION: 29

Which criterion primarily determines the number of tiers in an Enterprise system architecture?

- A. Security and network segmentation policy
- B. Portal group count
- C. Map symbol complexity

Answer: ([SHOW ANSWER](#))

NEW QUESTION: 30

Which deployment pattern provides the highest scalability for globally distributed users?

- A. Multi-tenant Portal on a single VM
- B. Single-region active-passive deployment
- C. Multi-region active-active deployment with traffic routed by DNS

Answer: ([SHOW ANSWER](#))

NEW QUESTION: 31

A consultant must ensure that enterprise architectural decisions comply with Esri best practices. Which primary reference should they use?

- A. Esri System Design Strategies Guide
- B. Customer support tickets
- C. Third-party forum articles

Answer: ([SHOW ANSWER](#))

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NEW QUESTION: 32

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

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

Answer: ([SHOW ANSWER](#))

NEW QUESTION: 33

Which statement correctly describes federating ArcGIS Server with Portal?

- A. Federation enables high availability automatically
- B. Federation converts ArcGIS Server into a Data Store
- C. Federation allows users to publish hosted services directly from ArcGIS Pro

Answer: ([SHOW ANSWER](#))

NEW QUESTION: 34

Which network tier typically contains the ArcGIS Web Adaptor component?

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

Answer: ([SHOW ANSWER](#))

NEW QUESTION: 35

What is a key advantage of environment isolation in ArcGIS Enterprise?

- A. It reduces license costs
- B. It improves tile cache speed
- C. It prevents testing activities from impacting production workloads

Answer: ([SHOW ANSWER](#))

NEW QUESTION: 36

Which Esri tool should be used to validate system component health after deployment?

- A. ArcGIS Monitor
- B. Portal Admin Directory
- C. ArcGIS Pro

Answer: ([SHOW ANSWER](#))

NEW QUESTION: 37

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

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

Answer: ([SHOW ANSWER](#))

NEW QUESTION: 38

Which network port must remain open for communication between Portal for ArcGIS and ArcGIS Server?

- A. 25
- B. 6443
- C. 1433

Answer: ([SHOW ANSWER](#))

NEW QUESTION: 39

An organization requires external users to access ArcGIS Enterprise services. Which configuration is required in the DMZ?

- A. Only the ArcGIS Server config-store
- B. Portal and Data Store nodes
- C. Web Adaptor with reverse proxy or load balancer

Answer: ([SHOW ANSWER](#))

NEW QUESTION: 40

Which Esri recommendation supports long-term scalability in Enterprise design?

- A. Single machine for all roles
- B. Modular architecture with loosely coupled tiers
- C. Flat architecture without segmentation

Answer: ([SHOW ANSWER](#))

NEW QUESTION: 41

A solution requires frequent data synchronization between production and disaster recovery sites. Which Esri tool should be used?

- A. WebGIS DR utility
- B. ArcGIS Pro Publishing Service
- C. ArcGIS Monitor

Answer: ([SHOW ANSWER](#))

NEW QUESTION: 42

During a federation operation, the Portal returns "Unable to connect to the specified ArcGIS Server URL." What is the likely cause?

- A. Outdated Monitor version
- B. Incorrect public URL or SSL configuration on ArcGIS Server
- C. Mismatched Portal license level

Answer: ([SHOW ANSWER](#))

NEW QUESTION: 43

Which element defines how often configuration data is synchronized between active and standby sites?

- A. Log rotation interval
- B. Backup retention policy
- C. Replication frequency

Answer: ([SHOW ANSWER](#))

NEW QUESTION: 44

An organization needs to publish near real-time IoT feeds to maps. Which server role should be added?

- A. Hosting Server
- B. Image Server
- C. GeoEvent Server

Answer: ([SHOW ANSWER](#))

NEW QUESTION: 45

Which consideration is most critical when placing the ArcGIS Data Store in a virtualized environment?

- A. Portal log file path

- B. Network card manufacturer
- C. Storage latency and throughput

Answer: ([SHOW ANSWER](#))

NEW QUESTION: 46

Which deployment approach supports automatic scaling and containerized services for ArcGIS Enterprise?

- A. ArcGIS Desktop deployment
- B. ArcGIS Enterprise on Kubernetes
- C. Traditional VM deployment

Answer: B ([LEAVE A REPLY](#))

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NEW QUESTION: 47

Which server role is required to run large-scale big-data analysis jobs using distributed computing?

- A. Notebook Server
- B. GeoAnalytics Server
- C. Hosting Server

Answer: ([SHOW ANSWER](#))

NEW QUESTION: 48

During design validation, the architect needs to simulate peak user load and measure throughput. Which Esri or supporting tool should be used?

- A. ArcGIS Load Testing Tool (LoadRunner / JMeter)
- B. ArcGIS Pro
- C. ArcGIS Collector

Answer: ([SHOW ANSWER](#))

NEW QUESTION: 49

A solution architect must isolate development and production environments for an ArcGIS Enterprise deployment. Which approach meets this goal?

- A. Configure role-based access only

- B. Use groups within the same portal to represent environments
- C. Maintain separate ArcGIS Enterprise deployments for each environment

Answer: ([SHOW ANSWER](#))

NEW QUESTION: 50

What is the main benefit of placing the content directory on a shared file system in a multi-machine Portal setup?

- A. Enables portal item replication across nodes
- B. Improves portal log readability
- C. Allows consistent access to uploaded items by all machines

Answer: ([SHOW ANSWER](#))

NEW QUESTION: 51

Which URL pattern is used to access the ArcGIS Server Manager interface?

- A. https://<webadaptor>/manager
- B. https://<portal>/home
- C. https://<server>:6443/arcgis/rest

Answer: ([SHOW ANSWER](#))

NEW QUESTION: 52

Which type of machine sizing metric should be prioritized when deploying a spatiotemporal big data store?

- A. Disk I/O throughput and storage capacity
- B. GPU processing capability
- C. CPU core count

Answer: ([SHOW ANSWER](#))

NEW QUESTION: 53

When analyzing ArcGIS Server logs, which message level should be set in production for optimal balance of detail and performance?

- A. Verbose
- B. Severe only
- C. Warning

Answer: ([SHOW ANSWER](#))

NEW QUESTION: 54

Which ArcGIS Enterprise component typically consumes the most disk I/O in large map-service deployments?

- A. Portal content directory
- B. Web Adaptor installation folder
- C. ArcGIS Server caching directories

Answer: ([SHOW ANSWER](#))

NEW QUESTION: 55

Which component stores user and group information in ArcGIS Enterprise?

- A. Portal for ArcGIS
- B. Data Store
- C. ArcGIS Server

Answer: ([SHOW ANSWER](#))

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