

Free Questions for 1Z0-1119-1

Shared by Rowe on 04-10-2024

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Question 1

Question Type: MultipleChoice

Which option best describes Redis Cluster usage?

Options:

- A- Replicating data across multiple nodes
- B- Managing Redis modules
- C- Horizontal scaling and high availability
- D- Managing transactions in Redis

Answer:

C

Explanation:

Redis Cluster provides a way to run a Redis installation where data is automatically sharded across multiple Redis nodes. It's designed for horizontal scaling and high availability, which includes partitioning data across multiple nodes to enhance performance and ensure availability.

Question 2

Question Type: MultipleChoice

You are working on a project that requires real-time monitoring and visualization of key performance metrics. Which tool or library would you choose for real-time data visualization?

Options:

A- Matplotlib

B- Apache Hadoop

C- Tableau

D- Grafana

Answer:

D

Explanation:

Grafana is a popular open-source platform for monitoring and observability, widely used for real-time data visualization with support for various data sources, including cloud services and databases, making it an ideal choice for real-time monitoring and visualization of key performance metrics.

Question 3

Question Type: MultipleChoice

What is Apache Druid?

Options:

- A- A distributed cache system
- B- A distributed stream-processing platform
- C- A distributed DLAP data store
- D- A distributed database management system

Answer:

C

Explanation:

Apache Druid is known for its real-time analytics capabilities and is a distributed column-store data store designed for OLAP (online analytical processing) queries on event data, making it suitable for high-performance analytics.

Question 4

Question Type: MultipleChoice

Which API microservice is exposed by Sunbird inQuery?

Options:

- A- questionset-service
- B- inquiry-service
- C- question-answer-service
- D- question-service

Answer:

A

Explanation:

The naming conventions used in microservices often reflect their functionality. 'questionset-service' seems most aligned with the functionality one might expect in an inquiry microservice within an educational platform, handling sets of questions or inquiries.

Question 5

Question Type: MultipleChoice

How do you construct the collection relation cache for a course if it is not available?

Options:

- A- Restart the relation-cache-updater job.
- B- Create the cache entry manually.
- C- Execute the 'syne-rel-cache-all' command in sync to generate the events for relation-

cache-updater and re-create the cache.

D- Drain the relation-cache-updater input Kalka topic.

Answer:

C

Explanation:

In microservices and distributed systems, caches are often used to improve performance. The command 'sync-rel-cache-all' suggests a process to synchronize and regenerate the cache for collection relationships, which is a plausible approach to constructing or reconstructing a cache in such systems.

Question 6

Question Type: MultipleChoice

Which option indicates the primary storage for Sunbird Knowlg microservices?

Options:

- A- Neo4J. Cassandra
- B- Elasticsearch. Neo4J. Cloud Storage
- C- Neo4J
- D- Neo4J. Cassandra. Cloud Storage

Answer:

D

Explanation:

For a knowledge microservice, a combination of Neo4J, Cassandra, and Cloud Storage would provide a robust solution. Neo4J offers graph database capabilities for complex queries and relationships, Cassandra provides scalable and high-performance data management, and Cloud Storage offers a flexible solution for storing large amounts of unstructured data.

Question 7

Question Type: MultipleChoice

Which two API microservices are exposed by Sunbird Lern?

Options:

- A- Batch-Service
- B- User-Org-Service
- C- Knowledge-Service
- D- Certificate-Service
- E- Learning-Service

Answer:

B, E

Explanation:

In the context of microservices architecture, services like User-Org-Service and Learning-Service are commonly exposed to handle specific functionalities such as user and organization management, and learning management respectively. Batch-Service, Knowledge-Service, and Certificate-Service might be part of the ecosystem but the naming convention suggests that User-Org-Service and Learning-Service are more likely to be the core services exposed by an educational platform like Sunbird Lern.

Question 8

Question Type: MultipleChoice

Which statement is true about how route tables are used in Oracle Cloud Infrastructure (OCI) Virtual Cloud Network (VCN) and private subnets?

Options:

- A- Route tables are used exclusively in public subnets to route traffic to the Internet.
- B- Route tables are created and managed automatically by Oracle Cloud and cannot be customized.
- C- In a private subnet, the default route table allows all outbound traffic to reach the Internet.
- D- Each subnet in a VCN can have multiple route tables associated with it.

Answer:

D

Explanation:

In Oracle Cloud Infrastructure, each subnet within a VCN is associated with a single route table, not multiple route tables. Route tables contain rules to route traffic from subnets to destinations outside the VCN, and they can be used in both public and private subnets. The

default route table for a private subnet does not allow all outbound traffic to reach the Internet without specifically configured rules and an Internet Gateway or NAT Gateway.

Question 9

Question Type: MultipleChoice

Which service key's public key must be configured for validating authentication tokens in microservices?

Options:

- A- sunbird-utils
- B- Keycloak
- C- sunbird-auth
- D- sunbird-apimanager-util

Answer:

B

Explanation:

Keycloak is an open-source Identity and Access Management solution used for modern applications and services. It is designed to work with authentication and authorization tokens. In a microservices architecture, the public key from a service like Keycloak would be used to validate authentication tokens, ensuring secure communication between services.

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