

IBM

C1000-172
IBM Cloud Professional Architect v6

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Question: 1

A company wants to implement a disaster recovery strategy for their critical applications. They require a low recovery point objective (RPO) and recovery time objective (RTO) and have a limited budget. They are willing to tolerate some downtime during the recovery process.

Which DR strategy option would be most suitable for this scenario?

Response:

- A. Active/Passive
- B. Active/Standby
- C. Active/Active
- D. Passive/Standby

Answer: B

Question: 2

Which method is used to send application logs to IBM Cloud Log Analysis?

Response:

- A. REST API
- B. SOAP API
- C. Log Analysis SDK
- D. SFTP

Answer: A

Question: 3

What describes the comprehensive security and compliance standard organization that IBM Cloud follows the standards and regulations for the United States government?

Response:

- A. Federal Risk and Authorization Management Program (FedRAMP)
- B. Center for Internet Security (CIS)
- C. Federal Information Processing Standard (FIPS)
- D. National Institute of Standards and Technology (NIST)

Answer: A

Question: 4

How does a client ensure high availability for master nodes in a Red Hat OpenShift on IBM Cloud cluster?
Response:

- A. Users can decide how master nodes should be distributed across zones used in the cluster
- B. Master node replicas are automatically spread evenly across zones
- C. Users must deploy the application nodes evenly across zones, then IBM deploys the master nodes in the same way
- D. Master nodes have six replicas for high availability

Answer: B

Question: 5

What best describes a single zone region in IBM Cloud?
Response:

- A. A region with multiple data centers spread across different geographic locations
- B. A region with a single data center located in a specific geographic location
- C. A region that allows the deployment of applications in multiple availability zones
- D. A region that provides high availability and fault tolerance for applications

Answer: B

Question: 6

A solution architect would like to deploy a containerized AI application that involves highly sensitive data. Which infrastructure choice must the architect choose for the IBM Cloud Kubernetes Service to obtain the most secure isolation?

Response:

- A. Shared VPC infrastructure
- B. Bare Metal Classic infrastructure
- C. Shared Classic infrastructure
- D. Public VPC infrastructure

Answer: B

Question: 7

When can an IBM Cloud Monitoring metric data be deleted?

Response:

- A. It is automatically deleted after 15 months
- B. It is never deleted
- C. It can only be deleted by opening a support ticket
- D. It is deleted when the capture file is deleted

Answer: A

Question: 8

What is the key technology that makes IBM Cloud Analytics Engine run jobs at a remarkable processing speed?

Response:

- A. Resilient Distributed Datasets (RDD)
- B. Resourceful Distributed Datasets (RDD)
- C. Rapid Divided Datasets (RDD)
- D. Rapid Distributed Datasets (RDD)

Answer: A

Question: 9

An airline company wants to build a complete solution for updating aircraft data, related maintenance schedules, working hours, and routes defined in an application. Which IBM Cloud database service is best suited for this application?

Response:

- A. Db2
- B. Db2 Warehouse
- C. Databases for Snowflake
- D. Databases for Elasticsearch

Answer: A

Question: 10

Which IBM Cloud solution can provide a messaging broker?

Response:

-
- A. IBM Event Streams
 - B. IBM API connect
 - C. IBM Aspera
 - D. IBM Watson OpenScale

Answer: A

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