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Vendor:IBM

Exam Code:C1000-100

Exam Name:IBM Cloud Solution Architect v4

Version:Demo

QUESTION 1

Which of the following is a key features of the IBM Cloud HSM:

- A. Support for HMAC key padding for one-time authentication tokens
- B. Provides CA Issued certificates
- C. Generate, process and store keys
- D. Secure erasure using DoD 5220.22-M Data Wipe Method

Correct Answer: C

Reference: <https://www.ibm.com/cloud/hardware-security-module>

QUESTION 2

Which VMware application mobility technology seamlessly extends on-premises data center networks into IBM Cloud?

- A. VMware HCX
- B. VMware vSphere
- C. VMware Horizon
- D. VMware NSX

Correct Answer: A

Reference: https://www.ibm.com/cloud/architecture/files/HCX_Architecture_Design.pdf

QUESTION 3

In order to provide a highly resilient and highly available network with ECMP and diversity connections to IBM Cloud, how many Direct Link circuits should be recommended?

- A. 4
- B. 2
- C. 6
- D. 3

Correct Answer: B

Reference: <https://cloud.ibm.com/docs/direct-link?topic=direct-link-faqs>

QUESTION 4

The Chief Data Officer (CDO) wants to build a new data solution for his clients. This application needs access to a Spark cluster on IBM Cloud without the Spark Cluster being accessible over the Internet. If IBM Analytics Engine (IAE) is selected, what must be enabled to allow the application server to securely access IAE?

- A. Transit Endpoint
- B. Service Endpoint
- C. Gateway Endpoint
- D. Transverse Endpoint

Correct Answer: B

QUESTION 5

A Financial Institution is interested in using IBM Blockchain Platform on IBM Cloud with the requirement that any application meet FIPS 140-2 Level 3 compliance. What option should an architect use for the nodes?

- A. Financial Cloud Connector
- B. Spectrum Protect Module
- C. Hardware Security Module
- D. Cloud Internet Connector

Correct Answer: C

Reference: <https://developer.ibm.com/technologies/blockchain/articles/leverage-ibm-cloud-hsm-in-youribp-network/>

QUESTION 6

Which of the following IBM Cloud Paks help to accelerate the build of cloud-native apps by leveraging built-in developer tools and processes?

- A. IBM Cloud Pak for Developers
- B. IBM Cloud Pak for Data
- C. IBM Cloud Pak for Microservices
- D. IBM Cloud Pak for Applications

Correct Answer: D

Reference: <https://www.ibm.com/in-en/cloud/paks>

QUESTION 7

What industry standard encryption protocol is used for the IBM Cloud Block Storage?

- A. Industry-Standard SSL HTTPS 32 encryption
- B. Industry-Standard AES-256 encryption
- C. Industry-Standard ASE-526 encryption
- D. Industry-Standard SSL HTTP 64 encryption

Correct Answer: B

Reference: <https://www.ibm.com/cloud/blog/dont-let-your-data-pay-the-price>

QUESTION 8

What is one of IBM's Operational Responsibilities for managing the IBM Cloud Object Storage Service?

- A. Monitor and manage service health and availability
- B. Provision and manage the VSIs required to serve the data using NFS
- C. Ensure data backup if necessary
- D. Monitor and restore data backups

Correct Answer: A

Reference: <https://cloud.ibm.com/docs/cloud-object-storage?topic=cloud-object-storage-responsibilities>

QUESTION 9

What is Continuous Delivery?

- A. Automating the process that moves software through the software development lifecycle
- B. An asynchronous message delivery service on IBM Cloud
- C. The practice of using canary deployments when delivering code
- D. Frequently code, build, and integrate the work of all developers on a software project each day

Correct Answer: D

Reference: <https://www.ibm.com/cloud/continuous-delivery>

QUESTION 10

With regards to disaster recover, what industry term describes `the maximum amount of time it should take to restore application or system functions following a service disruption`?

- A. Restore Point Duration
- B. Recovery Point Objective
- C. Recovery Time Objective
- D. Restore Time Duration

Correct Answer: C

Reference: https://en.wikipedia.org/wiki/Disaster_recovery

QUESTION 11

What industry compliance program does IBM Cloud File Storage support?

- A. Payment Information Security Management Act (PISMA)
- B. High Security Infrastructure Accountability Act (HSIAA)
- C. Payment Card Industry (PCI)
- D. Federal Data Protection Directive FDPD

Correct Answer: C

Reference: <https://www.ibm.com/ae-en/cloud/compliance/industry>

QUESTION 12

When creating a Disaster Recovery strategy for an application, which two factors need to be determined as a starting point? (Choose two.)

- A. CSV
- B. RTO
- C. JRB
- D. RPO
- E. JCB

Correct Answer: BD

Reference: <https://searchdisasterrecovery.techtarget.com/definition/disaster-recovery-plan>