

C1000-100^{Q&As}

IBM Cloud Solution Architect v4

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QUESTION 1

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 2

How is access to the IBM Cloud Container Registry controlled?

- A. A platform-built using Docker to run and manage your applications
- B. Watson service credentials
- C. An open-source system named Cloud Foundry
- D. IBM Cloud Identity and Access Management (IAM)

Correct Answer: D

Reference: <https://cloud.ibm.com/docs/Registry?topic=Registry-iam>

QUESTION 3

What is the function of the IBM Cloud File Storage Capacity Expansion feature?

- A. It is used by the IBM Cloud Storage users to regenerate data storage that may have been deleted
- B. It is used by IBM Cloud Storage users to manage data flow
- C. It is used by IBM Cloud Storage users to expand their file storage immediately
- D. It is used by the IBM Cloud Management team to manage file storage capacity

Correct Answer: C

Reference: <https://cloud.ibm.com/docs/FileStorage?topic=FileStorage-expandCapacity>

QUESTION 4

Vulnerability Advisor is pre-integrated into several toolchain templates. What does the Vulnerability Advisor do?

- A. Scans container images for potential security issues
- B. Tests databases for SQL injection vulnerabilities
- C. Continuously monitors and analyzes network communications
- D. Scans source code for potential threats and vulnerabilities

Correct Answer: C

QUESTION 5

Database for PostgreSQL is an example of which type of database?

- A. Key-value
- B. Object-relational
- C. Document
- D. Graph

Correct Answer: B

Reference: <https://www.ibm.com/cloud/databases-for-postgresql>

QUESTION 6

To view a local version of the OpenShift dashboard and to deploy apps into your Red Hat OpenShift cluster on IBM Cloud, which two command line interfaces (CLIs) could be installed? (Choose two.)

- A. Kubernetes CLI
- B. Container Registry CLI
- C. OpenStack CLI
- D. Cloud Foundry CLI
- E. OpenShift CLI

Correct Answer: AE

Reference: <https://cloud.ibm.com/docs/openshift?topic=openshift-openshift-cli>

QUESTION 7

In the context of the Key Protect service, which of the following statements is correct?

- A. Key Protect allows you to manage keys as well as SSL/TLS Digital Certificates
- B. Key Protect allows you to import keys for other Clouds
- C. Key Protect allows you to manage service accounts
- D. Key Protect allows you to create a new key or import your own key (BYOK)

Correct Answer: D

Reference: <https://www.ibm.com/cloud/architecture/architectures/securityArchitecture/security-for-data/>

QUESTION 8

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 9

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 10

A web application has been deployed in an IBM Virtual Private Cloud. In testing, it's discovered that the web server is not responding to requests over the Internet. What could be the problem?

- A. The web server is in a Security Group which is missing a rule that allows inbound traffic on port 80

- B. The VPC's Vyatta Gateway does not have a NAT configuration for the web server group
- C. The VPC load balancer hasn't been configured with the SSH key for the web server
- D. The subnet ACL has an ALLOW ALL inbound rule set at Priority 1 but a BLOCK ALL inbound rule set at Priority 2

Correct Answer: A

QUESTION 11

After deploying the IBM Cloud Kubernetes service on Public Cloud, how soon are metrics collected by the IBM Cloud Monitoring service?

- A. After logging into your cluster for the first time
- B. After 4 hours of cluster provisioning
- C. Start of the next business day
- D. As soon as the cluster is provisioned

Correct Answer: A

QUESTION 12

Which are two benefits of IBM Cloud Functions? (Choose two.)

- A. Visual debugging
- B. Scale up or down automatically
- C. Based on Kubernetes
- D. Focus on code, not infrastructure
- E. Out-of-the-box connectors to several databases

Correct Answer: BD

QUESTION 13

A customer RFP is requesting a solution to run a scalable, elastic, and managed analytics focused database with in-memory capabilities. Which service should be included in the response?

- A. SQL Query
- B. Analytics Engine
- C. Mongo Cluster Service
- D. DB2 Warehouse on Cloud

Correct Answer: D

Reference: <https://www.ibm.com/cloud/learn/data-warehouse>

QUESTION 14

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 15

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

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