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Exam : **C1000-170**

Title : IBM Cloud Technical Advocate
v5

Vendor : IBM

Version : DEMO

NO.1 Messaging and event streaming services perform which role in a microservices architecture?

- A. Deploy code automatically into each phase of the development cycle.
- B. Broadcast state changes to other services such as error logging services.
- C. Deploy and manage the availability of microservices across a cluster of host servers.
- D. Create and use Single Sign On (SSO) solutions for hosted applications.

Answer: B

NO.2 Which workload is best suited for IBM Cloud Power Systems Virtual Servers?

- A. High-performance computing
- B. Lightweight web applications
- C. Large scale data mining
- D. AI and machine learning

Answer: A

NO.3 Which process ensures the right resources have access to the right assets?

- A. Identity and Access Management (IAM)
- B. Change Management
- C. Security and Regulatory Compliance
- D. Incident and Operations Management

Answer: A

NO.4 Data that is stored on block storage is secured on IBM Cloud by allowing clients to do what?

- A. Clients can store their data in databases.
- B. Clients can use Bring Your Own Key to encrypt their data.
- C. Clients can move their data from one server to another.
- D. Clients can perform processing or analysis on their data.

Answer: B

NO.5 Which of the following technologies is considered an emerging trend that enhances cloud computing capabilities?

- A. Quantum computing
- B. Mainframe computing
- C. Grid computing
- D. Edge computing

Answer: D

NO.6 The CIO for a media company requires media files stored in IBM Cloud to have high availability and the lowest cost.

Which storage option would fulfill that requirement?

- A. File Storage
- B. NetApp Storage Appliance
- C. Block Storage for VPC
- D. Cloud Object Storage

Answer: D

NO.7 MongoDB is considered a document database.

What is another example of a document database?

- A. EnterpriseDB Postgres
- B. IBM Event Streams
- C. etcd
- D. Elasticsearch

Answer: D

NO.8 On IBM Cloud, _____ could be used to manage the API's life cycle and assist in designing the APIs and their rules.

- A. IBM Event Streams
- B. IBM DataPower API Gateway
- C. IBM API Connect
- D. IBM App Connect

Answer: C

NO.9 Which of the following elements are typically included in a business case study for cloud computing adoption? (Choose Three)

- A. Cost-benefit analysis
- B. Regulatory compliance assessment
- C. Future technology predictions
- D. Risk assessment
- E. Historical data analysis

Answer: A B D

NO.10 Which principle is a core component of DevSecOps practices integrated into IBM Cloud services?

- A. Continuous Integration/Continuous Deployment (CI/CD) automation
- B. Manual security reviews
- C. Post-deployment testing only
- D. Limited team access to production environments

Answer: A

NO.11 _____ encryption protects data on IBM Cloud that is in the process of being transferred.

- A. Data in use
- B. Data in stasis
- C. Data in motion
- D. Data at rest

Answer: C

NO.12 What are the benefits of using IBM Cloud Backup Solutions? (Choose Two)

- A. Real-time data analytics on backup data
- B. Support for both virtual and physical resources
- C. Automated backup scheduling and policy management
- D. Exclusive use of SSD storage to speed up backup processes

Answer: B C

NO.13 What key values do IBM Cloud Managed Database options offer? (Choose Three)

- A. Homogeneous data replication
- B. Automated backups and high availability
- C. Built-in AI for database management
- D. Multi-region deployment for disaster recovery
- E. Seamless scaling of compute and storage resources

Answer: B D E

NO.14 A client is filtering for pricing plans while searching in the IBM Cloud Catalog. Which filters are available in the pricing plan?

- A. Premium plans
- B. Enterprise and Personal plans
- C. Lite and Free plans
- D. Corporate plans

Answer: C

NO.15 Which of the following are core characteristics of cloud computing? (Choose Two)

- A. On-demand self-service
- B. Limited elasticity
- C. Broad network access
- D. Resource pooling

Answer: A C

NO.16 Which practices are essential when transitioning to cloud-native application architectures? (Choose Two)

- A. Adopting a lift-and-shift strategy without modification
- B. Implementing automated testing and deployment
- C. Utilizing service meshes for enhanced communication
- D. Maintaining large, centralized data stores

Answer: B C