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IBM

C1000-142

IBM Cloud Advocate v2











Question: 1

Which of the following services is NOT available on IBM Cloud?

- A. Virtual servers
- B. Object storage
- C. Blockchain
- D. Machine learning

Answer: C

Explanation: IBM Cloud offers a wide range of services and solutions to cater to various business needs. It provides virtual servers for deploying applications and running workloads, object storage for scalable data storage, and machine learning services for building and deploying AI models. However, blockchain is not explicitly listed as a service available on IBM Cloud. It's worth noting that service offerings may evolve over time, so it's essential to refer to the latest documentation and platform updates.

Question: 2

Which of the following statements accurately describes IBM Cloud Functions?

- A. IBM Cloud Functions is a serverless computing platform that allows developers to build and run applications without managing infrastructure.
- B. IBM Cloud Functions is an infrastructure-as-a-service (IaaS) offering that provides virtual servers for flexible application deployment.
- C. IBM Cloud Functions is a platform-as-a-service (PaaS) offering that enables developers to build and deploy applications without worrying about the underlying infrastructure.
- D. IBM Cloud Functions is a software-as-a-service (SaaS) offering that provides pre-built applications for immediate use.

Answer: A

Explanation: IBM Cloud Functions is a serverless computing platform offered by IBM Cloud. It enables developers to build and run applications without the need to manage or provision infrastructure resources. Developers can focus on writing code in the form of functions, which are triggered by specific events or requests. IBM Cloud Functions automatically scales the underlying resources based on demand, ensuring cost-effectiveness and ease of use fordevelopers. It falls under the category of Functions-as-a-Service (FaaS) in the cloud computing landscape.

Question: 3

What is a prerequisite to creating an IBM Cloud account?

A. A valid credit card

B. A government-issued ID

C. A business license

D. A referral from an existing IBM Cloud user

Answer: A

Explanation: To create an IBM Cloud account, a valid credit card is typically required. This requirement helps verify the user's identity and enables billing for any services or resources used on the platform. While some services on IBM Cloud may offer free tiers or trials without a credit card, a valid payment method is generally needed to fully access and utilize the platform's capabilities.

Question: 4

Which of the following is NOT a benefit of using IBM Cloud for application

development and deployment?

- A. High availability and reliability
- B. Flexible pricing models
- C. Limited scalability options
- D. Integration with other IBM services

Answer: C

Explanation: IBM Cloud offers several benefits for application development and deployment. It provides high availability and reliability through its infrastructure and global data centers. Flexible pricing models allow users to choose the most suitable payment options based on their needs. IBM Cloud also offers seamless integration with other IBM services, allowing for enhanced functionality and interoperability. However, limited scalability options are not a characteristic of IBM Cloud, as it supports scalable infrastructure and resources to accommodate changing demands.

Question: 5

Which of the following deployment models for cloud computing provides the highest level of control and security?

- A. Public cloud
- B. Private cloud
- C. Hybrid cloud
- D. Community cloud

Answer: B

Explanation: A private cloud deployment model refers to cloud infrastructure that is dedicated to a single organization or entity. It offers the highest level of control and security as the organization has exclusive access to the resources

and can tailor the environment to meet specific requirements. Private clouds can be hosted on-premises or by a third-party provider, and they provide greater control over data security, compliance, and customization compared to public or hybrid cloud models.

Question: 6

Which IBM Cloud service is specifically designed for managing and scaling databases?

A. IBM Cloud Functions

B. IBM Cloud Object Storage

C. IBM Cloud Virtual Servers

D. IBM Db2 on Cloud



Answer: D

Explanation: IBM Db2 on Cloud is a specific IBM Cloud service designed for managing and scaling databases. It provides a fully managed and cloud-based database solution, offering features such as automatic backups, high availability, and scalability. With IBM Db2 on Cloud, users can focus on their data and applications without the need to manage underlying database infrastructure.

Question: 7

Which of the following statements accurately describes the concept of cloud computing?

- A. Cloud computing refers to the process of storing and accessing data and programs over the internet instead of a computer's hard drive.
- B. Cloud computing is a method of storing data and programs on a local

computer's hard drive for easy access and retrieval.

- C. Cloud computing involves the use of physical servers and hardware infrastructure to store and manage data and programs.
- D. Cloud computing is a term used to describe the process of storing and accessing data and programs on a local network within an organization.

Answer: A

Explanation: Cloud computing is a paradigm that involves the delivery of computing services, including storage, servers, databases, software, and more, over the internet. Users can access and utilize these resources on-demand without the need for physical infrastructure or local storage. The data and programs are stored and managed on remote servers, often maintained by a third-party provider, accessible through the internet. This approach offers scalability, flexibility, and cost-effectiveness compared to traditional on-premises infrastructure.



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