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Exam : HPE1-H04

Title : Advanced HPE Edge-to-Cloud Solutions

Version : DEMO

1.Which of the following best describes the concept of multi-cloud architecture?

- A. Using multiple cloud providers to distribute workloads and avoid vendor lock-in.
- B. Utilizing a single cloud provider for all workloads to simplify management.
- C. Building private data centers to support hybrid cloud solutions.
- D. Deploying edge computing resources in all remote offices.

Answer: A

Explanation:

Multi-cloud architecture involves using more than one cloud provider to distribute workloads, improve performance, and avoid reliance on a single vendor.

2.What is a key business benefit of adopting a cloud computing model for IT infrastructure?

- A. Increases reliance on capital expenditure.
- B. Allows for faster scalability and agility.
- C. Reduces the need for compliance with data regulations.
- D. Ensures full control over physical hardware.

Answer: B

Explanation:

Cloud computing enables organizations to scale resources quickly and adapt to changing business demands without investing in additional hardware.

3.When optimizing a workload for performance in the cloud, which of the following factors is most critical to consider?

- A. Network latency between virtual machines.
- B. The physical location of cloud providers' data centers.
- C. The number of cloud providers being used.
- D. The network provider's connection to the customer's LAN.

Answer: A

Explanation:

Reducing network latency between VMs is essential for optimizing performance, especially for applications requiring fast data exchanges.

4.Which of the following is an example of an Infrastructure as a Service (IaaS) offering?

- A. A cloud-based CRM platform.
- B. Virtual machines deployed on a cloud provider's data center.
- C. A cloud-based analytics tool with built-in AI capabilities.
- D. An email service with collaboration features.

Answer: B

Explanation:

IaaS provides virtualized computing resources such as virtual machines, storage, and networking through the cloud.

5.A company is concerned about the operational costs of a cloud implementation.

Which of the following practices would help reduce costs?

- A. Using reserved instances instead of on-demand instances for predictable workloads.

- B. Deploying all workloads to high-performance instances, regardless of the requirements.
- C. Running workloads 24/7 without considering off-peak hours.
- D. Dedicating all available compute resources to low-priority workloads.

Answer: A

Explanation:

Reserved instances offer significant cost savings for predictable workloads by locking in capacity and pricing for a set period.