



CLO-002^{Q&As}

CompTIA Cloud Essentials+

Pass CompTIA CLO-002 Exam with 100% Guarantee

Free Download Real Questions & Answers **PDF** and **VCE** file from:

<https://www.passapply.com/clo-002.html>

100% Passing Guarantee
100% Money Back Assurance

Following Questions and Answers are all new published by CompTIA
Official Exam Center

- ⚙️ **Instant Download** After Purchase
- ⚙️ **100% Money Back** Guarantee
- ⚙️ **365 Days** Free Update
- ⚙️ **800,000+** Satisfied Customers





QUESTION 1

A company is migrating its e-commerce platform to a cloud service provider. The e-commerce site has a significant number of images. Which of the following is the BEST storage type for storing the images?

- A. Object
- B. Cold
- C. File
- D. Block

Correct Answer: A

Explanation: Object storage is a type of cloud storage that stores data as objects, which consist of data and metadata. Object storage is ideal for storing large amounts of unstructured data, such as images, videos, audio, documents, etc. Object storage provides high scalability, durability, and availability, as well as easy access via HTTP or REST APIs. Object storage is also more cost-effective than other types of storage, such as block or file storage, which are more suitable for structured data or applications that require high performance or low latency. References: CompTIA Cloud Essentials+ Certification Exam Objectives¹, CompTIA Cloud Essentials+ Study Guide, Chapter 4: Cloud Storage²

QUESTION 2

A cloud administrator notices users call to report application performance degradation between 1:00 p.m. and 3:00 p.m. every day. Which of the following is the BEST option for the administrator to configure?

- A. Locality
- B. Block storage
- C. Right-sizing
- D. Auto-scaling

Correct Answer: D

Explanation: Auto-scaling is a feature that helps to adjust the capacity of a system automatically based on its current demand. The goal of auto-scaling is to maintain the performance of the system and to reduce costs by only using the resources that are actually needed¹. If the cloud administrator configures auto-scaling for the application, the system can scale out (add more instances) during the peak hours of 1:00 p.m. and 3:00 p.m. every day, and scale in (remove instances) when the demand is low. This way, the application can handle the increased workload without degrading its performance, and the users can have a better experience. References: CompTIA Cloud Essentials+ Certification Study Guide, Second Edition (LO-002), Chapter 2: Cloud Computing Concepts, pages 41-42.

QUESTION 3

A large database needs to be hosted in a cloud environment with little to no downtime while minimizing any loss of content. Which of the following will BEST facilitate these requirements?

- A. Automation



- B. Sandboxing
- C. Replication
- D. Orchestration

Correct Answer: C

Explanation: Replication is the process of copying data from one location to another, usually in a cloud environment, to ensure high availability, accessibility, and disaster recovery. Replication helps minimize downtime and data loss by creating multiple copies of the same data that can be synchronized and updated in real time. Replication is especially useful for large databases that need to be hosted in the cloud with little to no interruption or degradation of service. Replication can also improve performance and scalability by distributing the workload across multiple servers or regions.

References: Cloud Essentials+ CLO-002 Study Guide, Chapter 3: Business Principles of Cloud Environments, Section

3.4:

Explain the importance of high availability, scalability, and elasticity concepts, p. 83. What Is Cloud Data Replication and Why Does It Matter? - WEKACloud Replication: A Comprehensive Guide - Hevo DataReplication in Cloud Computing The Customize WindowsThe role of replication in the migration process - Cloud Adoption Framework Learn more:

1. weka.io2. hevodata.com3. thecustomizewindows.com4. learn.microsoft.com+1 more

QUESTION 4

For security reasons, a cloud service that can be accessed from anywhere would make BEST use of:

- A. replication.
- B. multifactor authentication.
- C. single sign-on.
- D. data locality

Correct Answer: B

Explanation: Multifactor authentication is a security method that requires users to provide more than one piece of evidence to verify their identity before accessing a cloud service. For example, users may need to enter a password, a code sent to their phone or email, a biometric scan, or a physical token. Multifactor authentication can enhance the security of a cloud service that can be accessed from anywhere, as it can prevent unauthorized access even if the password is compromised or stolen. Multifactor authentication can also protect the cloud service from phishing, brute force, or replay attacks, as well as comply with regulatory or industry standards. Multifactor authentication is different from other options, such as replication, single sign-on, or data locality. Replication is the process of copying data or resources across multiple locations, such as regions, zones, or data centers, to improve availability, performance, or backup. Single sign-on is a user authentication method that allows users to access multiple cloud services with one set of credentials, such as username and password. Data locality is the principle of storing data close to where it is used, such as in the same region, country, or jurisdiction, to improve performance, security, or compliance. While these options may also have some benefits for a cloud service that can be accessed from anywhere, they do not directly address the security concern, which is the focus of the question. References : What is MFA? - Multi-Factor Authentication and 2FA Explained - AWS, Multi-Factor Authentication (MFA) for IAM - aws.amazon.com, Multi-Factor Authentication and Single Sign-On | Duo Security

QUESTION 5

A company is migrating a legacy application to the cloud. Two C-level executives are currently engaged in the initial stages of the migration, and they are planning a rip-and- replace approach.

Before initiating the project, the FIRST step should be to identify: (Choose Two)

- A. the required network performance.
- B. the key stakeholders.
- C. the desired CSP.
- D. the required cloud services.
- E. the required amount of storage.

Correct Answer: AB

Explanation: Before initiating the project, the first step should be to identify the key stakeholders. The key stakeholders are the individuals or groups who have an interest or influence in the outcome of the project. They may include internal or external parties, such as executives, managers, employees, customers, suppliers, regulators, or partners¹. Identifying the key stakeholders is important for several reasons, such as: Aligning the project goals and expectations: The key stakeholders can help to define the vision, scope, objectives, and requirements of the project. They can also provide feedback and approval throughout the project lifecycle. By involving the key stakeholders from the start, the project team can ensure that the project meets the needs and expectations of the stakeholders and delivers the desired value². Securing the project resources and support: The key stakeholders can help to allocate the necessary resources and support for the project, such as budget, time, personnel, equipment, or data. They can also help to resolve any issues or conflicts that may arise during the project. By engaging the key stakeholders from the start, the project team can ensure that the project has the adequate resources and support to succeed³. Managing the project risks and changes: The key stakeholders can help to identify and mitigate the potential risks and changes that may affect the project, such as technical, operational, legal, or regulatory challenges. They can also help to communicate and implement the changes to the relevant parties. By collaborating with the key stakeholders from the start, the project team can ensure that the project adapts to the changing environment and minimizes the negative impacts⁴. The other options are not as suitable as identifying the key stakeholders for the first step of the project because: The required network performance: The required network performance is the level of quality and speed that the network needs to provide for the cloud application. The required network performance is an important factor to consider for the project, but it is not the first step. The required network performance depends on the type, size, and location of the cloud application, which are determined by the key stakeholders\' input⁵. The desired CSP: The desired CSP is the cloud service provider that offers the cloud services and infrastructure for the cloud application. The desired CSP is an important factor to consider for the project, but it is not the first step. The desired CSP depends on the features, benefits, and pricing of the cloud services and infrastructure, which are evaluated by the key stakeholders\' criteria. The required cloud services: The required cloud services are the cloud-based resources and capabilities that the cloud application needs to function. The required cloud services are an important factor to consider for the project, but they are not the first step. The required cloud services depend on the functionality, scalability, and security of the cloud application, which are defined by the key stakeholders\' requirements. The required amount of storage: The required amount of storage is the amount of disk space that the cloud application needs to store its data. The required amount of storage is an important factor to consider for the project, but it is not the first step. The required amount of storage depends on the volume, variety, and velocity of the data, which are influenced by the key stakeholders\' expectations. References:

1: What is a Stakeholder? - Project Management Institute

2: How to Identify Project Stakeholders - Smartsheet

3: How to Engage Stakeholders in Your Project - Clarizen



4: How to Manage Stakeholder Risk and Change - ProjectManager.com

5: Network Performance Requirements for Cloud Migration - Riverbed : How to Choose a Cloud Service Provider - IBM Cloud : Cloud Services: Types, Benefits, and Challenges - BMC Blogs : Cloud Storage: What It Is and How to Use It -Lifewire

[CLO-002 PDF Dumps](#)

[CLO-002 VCE Dumps](#)

[CLO-002 Practice Test](#)