



CompTIA

Exam Questions CLO-002

CompTIA Cloud Essentials+

NEW QUESTION 1

Which of the following DevOps options is used to integrate with cloud solutions?

- A. Provisioning
- B. API
- C. SOA
- D. Automation

Answer: B

NEW QUESTION 2

Volume, variety, velocity, and veracity are the four characteristics of:

- A. machine learning.
- B. Big Data.
- C. microservice design.
- D. blockchain.
- E. object storage.

Answer: B

NEW QUESTION 3

A SaaS provider specifies in a user agreement that the customer agrees that any misuse of the service will be the responsibility of the customer. Which of the following risk response methods was applied?

- A. Acceptance
- B. Avoidance
- C. Transference
- D. Mitigation

Answer: C

NEW QUESTION 4

A small online retailer is looking for a solution to handle the high load on its servers during the holiday season. The retailer is not currently ready to move its IT operations completely to the cloud.

Which of the following will BEST fit these requirements?

- A. Elasticity
- B. Scalability
- C. Bursting
- D. Self-service

Answer: B

NEW QUESTION 5

Which of the following is a cloud service model that organizations use when their third-party ERP tool is provided as a complete service?

- A. Public cloud
- B. SaaS
- C. Hybrid cloud
- D. IaaS

Answer: B

NEW QUESTION 6

A cloud systems administrator needs to migrate several corporate applications to a public cloud provider and decommission the internal hosting environment. This migration must be completed by the end of the month. Because these applications are internally developed to meet specific business accounting needs, the administrator cannot use an alternative application.

Which of the following BEST describes the approach the administrator should use?

- A. Hybrid deployment
- B. Phased migration
- C. Lift and shift
- D. Rip and replace

Answer: C

NEW QUESTION 7

An organization wants to migrate a locally hosted application to a PaaS model. The application currently runs on a 15-year-old operating system and cannot be upgraded.

Which of the following should the organization perform to ensure the application will be supported in the cloud?

- A. Risk register
- B. Feasibility study
- C. Benchmarks

D. Baseline

Answer: B

NEW QUESTION 8

Transferring all of a customer's on-premises data and virtual machines to an appliance, and then shipping it to a cloud provider is a technique used in a:

- A. phased migration approach.
- B. replatforming migration approach.
- C. rip and replace migration approach.
- D. lift and shift migration approach.

Answer: B

NEW QUESTION 9

A developer is leveraging a public cloud service provider to provision servers using the templates created by the company's cloud engineer. Which of the following does this BEST describe?

- A. Subscription services
- B. Containerization
- C. User self-service
- D. Autonomous environments

Answer: C

NEW QUESTION 10

A company wants to ensure its existing functionalities are not compromised by the addition of a new functionality. Which of the following is the BEST testing technique?

- A. Regression
- B. Stress
- C. Load
- D. Quality

Answer: A

NEW QUESTION 10

A contract that defines the quality and performance metrics that are agreeable to both parties is called an:

- A. SOP.
- B. SOA.
- C. SOW.
- D. SLA.

Answer: D

NEW QUESTION 12

A human resources department is considering a SaaS-based human resources portal and requires a risk analysis. Which of the following are requirements to consider? (Choose two.)

- A. Support
- B. Threats
- C. Chargebacks
- D. Vulnerabilities
- E. Maintenance
- F. Gap analysis

Answer: AD

NEW QUESTION 13

A project manager must inform the Chief Information Officer (CIO) of the additional resources necessary to migrate services to the cloud successfully. Which of the following cloud assessments would be MOST appropriate to use for the recommendation?

- A. Feasibility study
- B. Gap analysis
- C. Future requirements
- D. Baseline report

Answer: B

NEW QUESTION 14

Which of the following is commonly used to forecast market trends?

- A. Serverless computing
- B. Data warehouse

- C. Machine learning
- D. Accelerated computing

Answer: C

NEW QUESTION 15

A report identified that several of a company's SaaS applications are against corporate policy. Which of the following is the MOST likely reason for this issue?

- A. Shadow IT
- B. Sensitive data
- C. Encryption
- D. Vendor lock-in

Answer: B

NEW QUESTION 16

Which of the following are true about the use of machine learning in a cloud environment? (Choose two).

- A. Specialized machine learning algorithms can be deployed to optimize results for specific scenarios.
- B. Machine learning can just be hosted in the cloud for managed services.
- C. Just one type of cloud storage is available in the cloud for machine learning workloads.
- D. Machine learning can leverage processes in a cloud environment through the use of cloud storage and auto-scaling.
- E. Machine learning requires a specialized IT team to create the machine learning models from scratch.
- F. Using machine learning solutions in the cloud removes the data-gathering step from the learning process.

Answer: AD

NEW QUESTION 20

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:

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

Answer: CD

NEW QUESTION 22

A company migrated all of its infrastructure to the cloud. The cloud security team must review the security post-migration. Which of the following is the MOST appropriate task for the cloud security team to perform?

- A. Risk register
- B. Threat assessment
- C. Application scan
- D. Vulnerability scan

Answer: B

NEW QUESTION 23

A company wants to migrate mission-critical applications to the cloud. In order for technicians to build, decommission, and perform other routine functions, which of the following cloud characteristics would BEST satisfy this business requirement?

- A. Self-service
- B. Elasticity
- C. Broad network access
- D. Availability

Answer: A

NEW QUESTION 26

A business analysis team is reviewing a report to try to determine the costs for a cloud application. The report does not allow separating costs by application. Which of the following should the team use to BEST report on the costs of the specific cloud application?

- A. Right-sizing
- B. Content management
- C. Optimization
- D. Resource tagging

Answer: D

NEW QUESTION 27

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

Answer: A

NEW QUESTION 32

A small business is engaged with a cloud provider to migrate from on-premises CRM software. The contract includes fixed costs associated with the product. Which of the following variable costs must be considered?

- A. Time to market
- B. Operating expenditure fees
- C. BYOL costs
- D. Human capital

Answer: D

NEW QUESTION 37

A cloud systems administrator needs to log in to a remote Linux server that is hosted in a public cloud. Which of the following protocols will the administrator MOST likely use?

- A. HTTPS
- B. RDP
- C. Secure Shell
- D. Virtual network computing

Answer: C

NEW QUESTION 41

Which of the following is the cloud storage technology that would allow a company with 12 nearly identical servers to have the SMALLEST storage footprint?

- A. Capacity on demand
- B. Compression
- C. Software-defined storage
- D. Deduplication

Answer: C

NEW QUESTION 42

A new company directive requires all departments to ensure intellectual property is kept within a country's borders. Which of the following concepts BEST represents this requirement?

- A. Data portability
- B. Data security
- C. Data locality
- D. Data sovereignty

Answer: D

NEW QUESTION 47

When designing a new cloud-enabled application, an organization that is considering RTO and RPO is MOST likely concerned about:

- A. redundancy.
- B. load balancing.
- C. disaster recovery.
- D. high availability.

Answer: C

NEW QUESTION 52

A cloud administrator needs to enable users to access business applications remotely while ensuring these applications are only installed on company-controlled equipment. All users require the ability to modify personal working environments. Which of the following is the BEST solution?

- A. SSO
- B. VDI
- C. SSH
- D. VPN

Answer: D

NEW QUESTION 57

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