

Exam Questions CLO-002

CompTIA Cloud Essentials+

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NEW QUESTION 1

A company is moving to the cloud and wants to enhance the provisioning of compute, storage, security, and networking. Which of the following will be leveraged?

- A. Infrastructure as code
- B. Infrastructure templates
- C. Infrastructure orchestration
- D. Infrastructure automation

Answer: D

NEW QUESTION 2

Which of the following cloud characteristics helps transform from a typical capital expenditure model to an operating expenditure model?

- A. Pay-as-you-go
- B. Elasticity
- C. Self-service
- D. Availability

Answer: A

NEW QUESTION 3

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 4

A document that outlines the scope of a project, specific deliverables, scheduling, and additional specific details from the client/buyer is called a:

- A. statement of work.
- B. standard operating procedure.
- C. master service document.
- D. service level agreement.

Answer: D

NEW QUESTION 5

A web application was deployed, and files are available globally to improve user experience. Which of the following technologies is being used?

- A. SAN
- B. CDN
- C. VDI
- D. API

Answer: B

NEW QUESTION 6

A business analyst is drafting a risk assessment.

Which of the following components should be included in the draft? (Choose two.)

- A. Asset management
- B. Database type
- C. Encryption algorithms
- D. Certificate name
- E. Asset inventory
- F. Data classification

Answer: AF

NEW QUESTION 7

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 8

A cloud administrator suggested using spot instances to reduce cloud costs for part of a new cloud infrastructure. Which of the following conditions must be addressed by the application that will run on these instances?

- A. The application needs to store data in a database.
- B. There is a restriction for distributed network communications.
- C. The application needs to handle unpredictable instance termination.
- D. Resource-intensive compute loads will be forbidden.

Answer: C

NEW QUESTION 9

A company has defined a multicloud model. Which of the following is the MOST important aspect to consider when defining the company's needs?

- A. Change management
- B. Data sovereignty
- C. Data portability
- D. Data classification

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

Following a risk assessment, a company decides to adopt a multicloud strategy for its IT applications. Which of the following is the company trying to avoid as part of its risk mitigation strategy?

- A. Geo-redundancy
- B. Vendor lock-in
- C. High availability
- D. Data sovereignty

Answer: B

NEW QUESTION 13

Which of the following BEST describes how a cloud provider helps a company with security risk responses?

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

Answer: D

NEW QUESTION 17

A company has been running tests on a newly developed algorithm to increase the responsiveness of the application. The company's monthly bills for the testing have been much higher than expected. Which of the following documents should the company examine FIRST?

- A. Memory report
- B. Compute report
- C. Network report
- D. Storage report

Answer: C

NEW QUESTION 20

An organization's servers are experiencing performance degradation from oversubscription of memory in the virtual environment and exhausted physical RAM. Which of the following cloud computing characteristics would BEST address the issue?

- A. Availability
- B. Elasticity
- C. Pay-as-you-go
- D. Self-service

Answer: B

NEW QUESTION 23

Which of the following cloud principles will help manage the risk of a network breach?

- A. Shared responsibility
- B. Self-service
- C. Availability
- D. Elasticity

Answer: A

NEW QUESTION 28

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 32

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 36

A company with critical resources in the cloud needs to ensure data is available in multiple datacenters around the world. Which of the following BEST meets the company's needs?

- A. Auto-scaling
- B. Geo-redundancy
- C. Disaster recovery
- D. High availability

Answer: B

NEW QUESTION 40

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 43

A company is required to move its human resources application to the cloud to reduce capital expenses. The IT team does a feasibility analysis and learns the application requires legacy infrastructure and cannot be moved to the cloud.

Which of the following is the MOST appropriate cloud migration approach for the company?

- A. Lift and shift
- B. Hybrid

- C. Rip and replace
- D. In-place upgrade

Answer: B

NEW QUESTION 47

An IT team documented the procedure for upgrading an existing IT resource within the cloud. Which of the following BEST describes this procedure?

- A. Security procedure
- B. Incident management
- C. Change management
- D. Standard operating procedure

Answer: D

NEW QUESTION 52

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 57

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 58

Which of the following is an example of outsourcing administration in the context of the cloud?

- A. Managed services
- B. Audit by a third party
- C. Community support
- D. Premium support

Answer: A

NEW QUESTION 59

An organization plans to keep three of its cloud servers online for another nine months and a fourth server online for a year. The current pricing is \$200 per month per server. The cloud provider announced the sale price of \$1,500 per year per reserved instance.

Which of the following represents the cost savings by converting all four of the cloud servers to reserved instances?

- A. \$900
- B. \$1,800
- C. \$2,400
- D. \$3,600

Answer: B

NEW QUESTION 62

Which of the following types of risk is MOST likely to be associated with moving all data to one cloud provider?

- A. Vendor lock-in
- B. Data portability
- C. Network connectivity
- D. Data sovereignty

Answer: A

NEW QUESTION 63

When selecting a cloud provider, which of the following is MOST likely to be a financial consideration?

- A. Proof of concept
- B. Request for information

- C. Licensing models
- D. Request for proposal

Answer: C

NEW QUESTION 66

A company's finance team is reporting increased cloud costs against the allocated cloud budget. Which of the following is the BEST approach to match some of the cloud operating costs with the appropriate departments?

- A. Right-sizing
- B. Scaling
- C. Chargeback
- D. Showback

Answer: C

NEW QUESTION 70

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 71

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