

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

The cloud consumer compliance team requires the IT department to patch and update cloud resources properly. Which of the following cloud service delivery models will BEST suit this need?

- A. SaaS
- B. DBaaS
- C. DRaaS
- D. IaaS

Answer: D

NEW QUESTION 3

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 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

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 6

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 7

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 8

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 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

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 10

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 11

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 16

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 21

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 24

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 25

Which of the following BEST describes decreasing the resources assigned to a system to avoid paying for unused capacity?

- A. Orchestration
- B. Auto-scaling
- C. Right-sizing
- D. Scalability

Answer: C

NEW QUESTION 29

A systems administrator is reviewing a disaster recovery option that requires little to no downtime in the event of a natural disaster. Which of the following BEST meets this requirement?

- A. Configure availability zones.
- B. Configure high availability.
- C. Configure geo-redundancy.
- D. Configure auto-scaling.

Answer: A

NEW QUESTION 34

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 38

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 39

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 42

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 deploys a data management capability that reduces RPO. Which of the following BEST describes the capability needed?

- A. Locality
- B. Replication
- C. Portability
- D. Archiving

Answer: D

NEW QUESTION 48

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 49

A company wants to process a batch job in a faster, cost-effective manner. Which of the following is the BEST solution?

- A. Implement right-sizing.
- B. Increase CPU usage.
- C. Utilize spot instances.
- D. Add storage.

Answer: C

NEW QUESTION 53

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 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 59

A company is discontinuing its use of a cloud provider. Which of the following should the provider do to ensure there is no sensitive data stored in the company's cloud?

- A. Replicate the data.
- B. Encrypt the data.
- C. Lock in the data.
- D. Sanitize the data.

Answer: D

NEW QUESTION 64

A vendor stipulates it will provide incident response within two hours of a severity level A incident.

Which of the following does this describe?

- A. Maintenance agreement
- B. Managed service agreement
- C. Operating level agreement
- D. Service level agreement

Answer: D

NEW QUESTION 65

Which of the following would BEST provide access to a Windows VDI?

- A. RDP
- B. VPN
- C. SSH
- D. HTTPS

Answer: A

NEW QUESTION 70

Which of the following technologies would help a game company prepare its cloud infrastructure to support a global distribution workload of a newly released online game? (Choose two.)

- A. Auto-scaling
- B. VDI
- C. Data portability
- D. CDN
- E. Templates
- F. Blockchain

Answer: AD

NEW QUESTION 71

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 74

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 76

An incident response team requires documentation for an email phishing campaign against a company's email server. Which of the following is the BEST resource to use to start the investigation?

- A. Audit and system logs
- B. Change management procedures
- C. Departmental policies
- D. Standard operating procedures

Answer: A

NEW QUESTION 77

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