

# CompTIA

## Exam Questions CLO-002

CompTIA Cloud Essentials+



#### NEW QUESTION 1

Which of the following services would restrict connectivity to cloud resources?

- A. Security lists
- B. Firewall
- C. VPN
- D. Intrusion detection system

**Answer:** A

#### 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 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 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

Which of the following models provides the SMALLEST amount of technical overhead?

- A. SaaS
- B. PaaS
- C. MaaS
- D. IaaS

**Answer:** A

#### NEW QUESTION 8

A mobile application development team requires frequent software updates for a major launch of a customer-facing application. The business requirement is to be first-to-market on a new feature that leverages third-partyhosted services.

Which of the following is the BEST approach to use for speed and efficiency?

- A. Proprietary code solution
- B. Application programming interface
- C. Regression testing
- D. Production load testing

**Answer: B**

#### NEW QUESTION 9

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 10

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 10

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 15

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 18

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 22

After performing an initial assessment of a cloud-hosted architecture, a department wants to gain the support of upper management.

Which of the following should be presented to management?

- A. Project charter
- B. Feasibility study
- C. Managed services
- D. Pilot

**Answer:**

A

#### NEW QUESTION 27

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 30

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 35

Which of the following can be used by a client's finance department to identify the cost of cloud use in a public cloud environment shared by different projects and departments?

- A. Reserved instances
- B. Service level agreement
- C. Resource tagging
- D. RFI from the CSP

**Answer:** C

#### NEW QUESTION 36

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 37

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 38

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 43

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 46**

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 51**

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 53**

Which of the following techniques helps an organization determine benchmarks for application performance within a set of resources?

- A. Auto-scaling
- B. Load testing
- C. Sandboxing
- D. Regression testing

**Answer:** B

**NEW QUESTION 56**

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