

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

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 4

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 5

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 6

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 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 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 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

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 14

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 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 18

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 23

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 26

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 31

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 36

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 39

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 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 47

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 50

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 54

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 57

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 60

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

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

Answer: A

NEW QUESTION 62

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 64

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 65

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 68

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 69

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 70

A startup company wants to use a CRM application to manage its sales and support organizations. The company does not have any IT staff. Which of the following cloud computing models is MOST appropriate for this company to use?

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

Answer: D

NEW QUESTION 75

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 79

Which of the following results from implementing a proprietary SaaS solution when an organization does not ensure the solution adopts open standards? (Choose two.)

- A. Vendor lock-in
- B. Inability to enforce the SLA
- C. Lack of technical support
- D. Higher ongoing operational expenditure
- E. Integration issues
- F. Higher initial capital expenditure

Answer: AE

NEW QUESTION 84

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