

CLO-002 Dumps

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 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 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 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

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-party-hosted 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 8

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 9

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 10

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 10

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 15

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 17

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 21

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 24

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 27

A cloud administrator configures a server to insert an entry into a log file whenever an administrator logs in to the server remotely. Which of the following BEST describes the type of policy being used?

- A. Audit
- B. Authorization
- C. Hardening
- D. Access

Answer: A

NEW QUESTION 32

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 36

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 40

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 42

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 46

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 50

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 54

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 59

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