

CompTIA

Exam Questions CLO-002

CompTIA Cloud Essentials+



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

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

Which of the following are the main advantages of using ML/AI for data analytics in the cloud as opposed to on premises? (Choose two.)

- A. Cloud providers offer enhanced technical support.
- B. Elasticity allows access to a large pool of compute resources.
- C. The shared responsibility model offers greater security.
- D. AI enables DevOps to build applications easier and faster.
- E. A pay-as-you-go approach allows the company to save money.
- F. ML enables DevOps to build applications easier and faster.

Answer: BE

NEW QUESTION 4

A cloud administrator for an ISP identified a vulnerability in the software that controls all the firewall rules for a geographic area. To ensure the software upgrade is properly tested, approved, and applied, which of the following processes should the administrator follow?

- A. Configuration management
- B. Incident management
- C. Resource management
- D. Change management

Answer: A

NEW QUESTION 5

Which of the following is a cloud service model that organizations use when their third-party ERP tool is provided as a complete service?

- A. Public cloud
- B. SaaS
- C. Hybrid cloud
- D. IaaS

Answer: B

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 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 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

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

A company is in its second year of a three-year agreement with a cloud vendor. After the initial phase of the cloud migration, resource consumption has stabilized. Which of the following would help the company reduce the cost of infrastructure?

- A. Reserved instances
- B. Pay-as-you-go
- C. Spot instances
- D. Bring your own license

Answer: A

NEW QUESTION 11

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 16

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 21

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 25

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 29

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 30

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 34

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 39

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 44

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 45

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 50

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

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

Answer: A

NEW QUESTION 54

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 57

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 62

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 65

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 68

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