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

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

Answer: A

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-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 8
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 9
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 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 12
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 15
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 16
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 17
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 18
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 20
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 25
A company has a perpetual license for a database application. Which of the following is the MOST cost-effective option when moving to the cloud?

A. Fixed
B. Subscription
C. EULA
D. BYOL

Answer: D

NEW QUESTION 27
Which of the following would BEST provide access to a Windows VDI?

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

Answer: A

NEW QUESTION 31
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 36
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 40
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 41
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 45
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 50
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 55
Which of the following BEST explains the concept of RTOs for restoring servers to operational use?

A. To reduce the amount of data loss that can occur in the event of a server failure
B. To ensure the restored server is available and operational within a given window of time
C. To ensure the data on the restored server is current within a given window of time
D. To reduce the amount of time a particular server is unavailable and offline

Answer: B

NEW QUESTION 59
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