CLO-002 Dumps

CompTIA Cloud Essentials+

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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 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 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
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 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 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 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 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 13
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 18
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 20
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 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 26
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 30
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 34
An IT team documented the procedure for upgrading an existing IT resource within the cloud. Which of the following BEST describes this procedure?

A. Security procedure
B. Incident management
C. Change management
D. Standard operating procedure

Answer: D

NEW QUESTION 37
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 40
A company is migrating its e-commerce platform to a cloud service provider. The e-commerce site has a significant number of images. Which of the following is the BEST storage type for storing the images?

A. Object
B. Cold
C. File
D. Block

Answer: A

NEW QUESTION 41
An online retailer wants to ensure its inventory for the holiday season is correct. The company does not have a large IT infrastructure or staff to collect and analyze sales information, customer analytics, marketing information, or trends.
Which of the following cloud services will help the company analyze these metrics without a large investment in human capital?

A. Containerization
B. Big Data

C. Microservices
D. Blockchain

Answer: B

NEW QUESTION 42
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 46
Which of the following would BEST provide access to a Windows VDI?

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

Answer: A

NEW QUESTION 51
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 55
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 59
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
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 66
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 71
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 73
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 74
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 75
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 78
A cloud administrator needs to enable users to access business applications remotely while ensuring these applications are only installed on company-controlled equipment. All users require the ability to modify personal working environments. Which of the following is the BEST solution?

A. SSO
B. VDI
C. SSH
D. VPN

Answer: D

NEW QUESTION 80
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