CSA

Exam Questions CCSK

Certificate of Cloud Security Knowledge

NEW QUESTION 1
Select the best definition of "compliance" from the options below.

A. The development of a routine that covers all necessary security measures.
B. The diligent habits of good security practices and recording of the same.
C. The timely and efficient filing of security reports.
D. The awareness and adherence to obligations, including the assessment and prioritization of corrective actions deemed necessary and appropriate.
E. The process of completing all forms and paperwork necessary to develop a defensible paper trail.

Answer: D

NEW QUESTION 2
How is encryption managed on multi-tenant storage?

A. Single key for all data owners
B. One key per data owner
C. Multiple keys per data owner
D. The answer could be A, B, or C depending on the provider
E. C for data subject to the EU Data Protection Directive; B for all others

Answer: B

NEW QUESTION 3
Which of the following encryption methods would be utilized when object storage is used as the back-end for an application?

A. Database encryption
B. Media encryption
C. Asymmetric encryption
D. Object encryption
E. Client/application encryption

Answer: E

NEW QUESTION 4
What is true of searching data across cloud environments?

A. You might not have the ability or administrative rights to search or access all hosted data.
B. The cloud provider must conduct the search with the full administrative controls.
C. All cloud-hosted email accounts are easily searchable.
D. Search and discovery time is always factored into a contract between the consumer and provider.
E. You can easily search across your environment using any E-Discovery tool.

Answer: A

NEW QUESTION 5
How can key management be leveraged to prevent cloud providers from inappropriately accessing customer data?

A. Use strong multi-factor authentication
B. Secure backup processes for key management systems
C. Segregate keys from the provider hosting data
D. Stipulate encryption in contract language
E. Select cloud providers within the same country as customer

Answer: C

NEW QUESTION 6
A defining set of rules composed of claims and attributes of the entities in a transaction, which is used to determine their level of access to cloud-based resources is called what?

A. An entitlement matrix
B. A support table
C. An entry log
D. A validation process
E. An access log

Answer: D

NEW QUESTION 7
Which of the following statements are NOT requirements of governance and enterprise risk management in a cloud environment?

A. Inspect and account for risks inherited from other members of the cloud supply chain and take active measures to mitigate and contain risks through operational resiliency.
B. Respect the interdependency of the risks inherent in the cloud supply chain and communicate the corporate risk posture and readiness to consumers and dependent parties.
C. Negotiate long-term contracts with companies who use well-vetted software application to avoid the transient nature of the cloud environment.

D. Provide transparency to stakeholders and shareholders demonstrating fiscal solvency and organizational transparency.
E. Both B and C.

Answer: C

NEW QUESTION 8
Which of the following statements best describes an identity federation?

A. A library of data definitions
B. A group of entities which have decided to exist together in a single cloud
C. Identities which share similar attributes
D. Several countries which have agreed to define their identities with similar attributes
E. The connection of one identity repository to another

Answer: E

NEW QUESTION 9
Which concept provides the abstraction needed for resource pools?

A. Virtualization
B. Applistructure
C. Hypervisor
D. Metastructure
E. Orchestration

Answer: A

NEW QUESTION 10
What should every cloud customer set up with its cloud service provider (CSP) that can be utilized in the event of an incident?

A. A data destruction plan
B. A communication plan
C. A back-up website
D. A spill remediation kit
E. A rainy day fund

Answer: B

NEW QUESTION 10
Which cloud security model type provides generalized templates for helping implement cloud security?

A. Conceptual models or frameworks
B. Design patterns
C. Controls models or frameworks
D. Reference architectures
E. Cloud Controls Matrix (CCM)

Answer: D

NEW QUESTION 11
ENISA: An example high risk role for malicious insiders within a Cloud Provider includes

A. Sales
B. Marketing
C. Legal counsel
D. Auditors
E. Accounting

Answer: D

NEW QUESTION 15
Which of the following statements is true in regards to Data Loss Prevention (DLP)?

A. DLP can provide options for quickly deleting all of the data stored in a cloud environment.
B. DLP can classify all data in a storage repository.
C. DLP never provides options for how data found in violation of a policy can be handled.
D. DLP can provide options for where data is stored.
E. DLP can provide options for how data found in violation of a policy can be handled.

Answer: E

NEW QUESTION 17
Which cloud-based service model enables companies to provide client-based access for partners to databases or applications?

A. Platform-as-a-service (PaaS)

B. Desktop-as-a-service (DaaS)
C. Infrastructure-as-a-service (IaaS)
D. Identity-as-a-service (IDaaS)
E. Software-as-a-service (SaaS)

Answer: A

NEW QUESTION 21
A security failure at the root network of a cloud provider will not compromise the security of all customers because of multitenancy configuration.

A. False
B. True

Answer: A

NEW QUESTION 22
Which layer is the most important for securing because it is considered to be the foundation for secure cloud operations?

A. Infrastructure
B. Datastructure
C. Infostructure
D. Applistructure
E. Metastructure

Answer: A

NEW QUESTION 26
What are the primary security responsibilities of the cloud provider in the management infrastructure?

A. Building and properly configuring a secure network infrastructure
B. Configuring second factor authentication across the network
C. Properly configuring the deployment of the virtual network, especially the firewalls
D. Properly configuring the deployment of the virtual network, except the firewalls
E. Providing as many API endpoints as possible for custom access and configurations

Answer: D

NEW QUESTION 29
ENISA: Lock-in is ranked as a high risk in ENISA research, a key underlying vulnerability causing lock in is:

A. Lack of completeness and transparency in terms of use
B. Lack of information on jurisdictions
C. No source escrow agreement
D. Unclear asset ownership
E. Audit or certification not available to customers

Answer: A

NEW QUESTION 31
Which of the following is a perceived advantage or disadvantage of managing enterprise risk for cloud deployments?

A. More physical control over assets and processes.
B. Greater reliance on contracts, audits, and assessments due to lack of visibility or management.
C. Decreased requirement for proactive management of relationship and adherence to contracts.
D. Increased need, but reduction in costs, for managing risks accepted by the cloud provider.
E. None of the above.

Answer: B

NEW QUESTION 36
REST APIs are the standard for web-based services because they run over HTTPS and work well across diverse environments.

A. False
B. True

Answer: B

NEW QUESTION 37
When deploying Security as a Service in a highly regulated industry or environment, what should both parties agree on in advance and include in the SLA?

A. The metrics defining the service level required to achieve regulatory objectives.
B. The duration of time that a security violation can occur before the client begins assessing regulatory fines.
C. The cost per incident for security breaches of regulated information.
D. The regulations that are pertinent to the contract and how to circumvent them.
E. The type of security software which meets regulations and the number of licenses that will be needed.

Answer: A

NEW QUESTION 42
The Software Defined Perimeter (SDP) includes which components?

A. Client, Controller, and Gateway
B. Client, Controller, Firewall, and Gateway
C. Client, Firewall, and Gateway
D. Controller, Firewall, and Gateway
E. Client, Controller, and Firewall

Answer: A

NEW QUESTION 45
Without virtualization, there is no cloud.

A. False
B. True

Answer: B

NEW QUESTION 50
Big data includes high volume, high variety, and high velocity.

A. False
B. True

Answer: B

NEW QUESTION 55
Which statement best describes the Data Security Lifecycle?

A. The Data Security Lifecycle has six stages, is strictly linear, and never varies.
B. The Data Security Lifecycle has six stages, can be non-linear, and varies in that some data may never pass through all stages.
C. The Data Security Lifecycle has five stages, is circular, and varies in that some data may never pass through all stages.
D. The Data Security Lifecycle has six stages, can be non-linear, and is distinct in that data must always pass through all phases.
E. The Data Security Lifecycle has five stages, can be non-linear, and is distinct in that data must always pass through all phases.

Answer: B

NEW QUESTION 57
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