CSA

Exam Questions CCSK

Certificate of Cloud Security Knowledge

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NEW QUESTION 1
APIs and web services require extensive hardening and must assume attacks from authenticated and unauthenticated adversaries.

A. False
B. True

Answer: B

NEW QUESTION 2
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 3
What factors should you understand about the data specifically due to legal, regulatory, and jurisdictional factors?

A. The physical location of the data and how it is accessed
B. The fragmentation and encryption algorithms employed
C. The language of the data and how it affects the user
D. The implications of storing complex information on simple storage systems
E. The actual size of the data and the storage format

Answer: D

NEW QUESTION 4
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 5
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 6
To understand their compliance alignments and gaps with a cloud provider, what must cloud customers rely on?

A. Provider documentation
B. Provider run audits and reports
C. Third-party attestations
D. Provider and consumer contracts
E. EDiscovery tools

Answer: C

NEW QUESTION 7
What is the most significant security difference between traditional infrastructure and cloud computing?

A. Management plane
B. Intrusion detection options
C. Secondary authentication factors
D. Network access points
E. Mobile security configuration options

Answer: A

NEW QUESTION 8
Which governance domain focuses on proper and adequate incident detection, response, notification, and remediation?

A. Data Security and Encryption
B. Information Governance
C. Incident Response, Notification and Remediation
D. Compliance and Audit Management
E. Infrastructure Security

Answer: C

NEW QUESTION 9
What are the encryption options available for SaaS consumers?

A. Any encryption option that is available for volume storage, object storage, or PaaS
B. Provider-managed and (sometimes) proxy encryption
C. Client/application and file/folder encryption
D. Object encryption Volume storage encryption

Answer: B

NEW QUESTION 10
Which of the following is NOT normally a method for detecting and preventing data migration into the cloud?

A. Intrusion Prevention System
B. URL filters
C. Data Loss Prevention
D. Cloud Access and Security Brokers (CASB)
E. Database Activity Monitoring

Answer: A

NEW QUESTION 10
For third-party audits or attestations, what is critical for providers to publish and customers to evaluate?

A. Scope of the assessment and the exact included features and services for the assessment
B. Provider infrastructure information including maintenance windows and contracts
C. Network or architecture diagrams including all end point security devices in use
D. Service-level agreements between all parties
E. Full API access to all required services

Answer: C

NEW QUESTION 14
What is the newer application development methodology and philosophy focused on automation of application development and deployment?

A. Agile
B. BusOps
C. DevOps
D. SecDevOps
E. Scrum

Answer: C

NEW QUESTION 16
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 19
Which statement best describes the impact of Cloud Computing on business continuity management?

A. A general lack of interoperability standards means that extra focus must be placed on the security aspects of migration between Cloud providers.
B. The size of data sets hosted at a Cloud provider can present challenges if migration to another provider becomes necessary.
C. Customers of SaaS providers in particular need to mitigate the risks of application lock-in.
D. Clients need to do business continuity planning due diligence in case they suddenly need to switch providers.
E. Geographic redundancy ensures that Cloud Providers provide highly available services.

Answer: E

NEW QUESTION 20
Your cloud and on-premises infrastructures should always use the same network address ranges.

A. False
B. True

Answer: A

NEW QUESTION 23
Select the statement below which best describes the relationship between identities and attributes

A. Attributes belong to entities and identities belong to attribute
B. Each attribute can have multiple identities but only one entity.
C. An attribute is a unique object within a databas
D. Each attribute it has a number of identities which help define its parameters.
E. An identity is a distinct and unique object within a particular namespac
F. Attributes are properties which belong to an identit
G. Each identity can have multiple attributes.
H. Attributes are made unique by their identities.
I. Identities are the network names given to server
J. Attributes are the characteristics of each server.

Answer: D

NEW QUESTION 27
Which concept provides the abstraction needed for resource pools?

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

Answer: A

NEW QUESTION 29
If in certain litigations and investigations, the actual cloud application or environment itself is relevant to resolving the dispute in the litigation or investigation, how is the information likely to be obtained?

A. It may require a subpoena of the provider directly
B. It would require a previous access agreement
C. It would require an act of war
D. It would require a previous contractual agreement to obtain the application or access to the environment
E. It would never be obtained in this situation

Answer: D

NEW QUESTION 32
ENISA: "VM hopping" is:

A. Improper management of VM instances, causing customer VMs to be commingled with other customer systems.
B. Looping within virtualized routing systems.
C. Lack of vulnerability management standards.
D. Using a compromised VM to exploit a hypervisor, used to take control of other VMs.
E. Instability in VM patch management causing VM routing errors.

Answer: D

NEW QUESTION 35
What of the following is NOT an essential characteristic of cloud computing?

A. Broad Network Access
B. Measured Service
C. Third Party Service
D. Rapid Elasticity
E. Resource Pooling

Answer: C

NEW QUESTION 36
Any given processor and memory will nearly always be running multiple workloads, often from different tenants.

A. False
B. True

Answer: B

NEW QUESTION 41

What is true of a workload?

A. It is a unit of processing that consumes memory
B. It does not require a hardware stack
C. It is always a virtual machine
D. It is configured for specific, established tasks
E. It must be containerized

Answer: A

NEW QUESTION 44
Which type of application security testing tests running applications and includes tests such as web vulnerability testing and fuzzing?

A. Code Review
B. Static Application Security Testing (SAST)
C. Unit Testing
D. Functional Testing
E. Dynamic Application Security Testing (DAST)

Answer: E

NEW QUESTION 47
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 49
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 51
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