CSA

Exam Questions CCSK

Certificate of Cloud Security Knowledge

NEW QUESTION 1
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 2
Without virtualization, there is no cloud.

A. False
B. True

Answer: B

NEW QUESTION 3
Which communication methods within a cloud environment must be exposed for partners or consumers to access database information using a web application?

A. Software Development Kits (SDKs)
B. Resource Description Framework (RDF)
C. Extensible Markup Language (XML)
D. Application Binary Interface (ABI)
E. Application Programming Interface (API)

Answer: E

NEW QUESTION 4
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 5
How does running applications on distinct virtual networks and only connecting networks as needed help?

A. It reduces hardware costs
B. It provides dynamic and granular policies with less management overhead
C. It locks down access and provides stronger data security
D. It reduces the blast radius of a compromised system
E. It enables you to configure applications around business groups

Answer: D

NEW QUESTION 6
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 7
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 8
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 9
Who is responsible for the security of the physical infrastructure and virtualization platform?

A. The cloud consumer
B. The majority is covered by the consumer
C. It depends on the agreement
D. The responsibility is split equally
E. The cloud provider

Answer: E

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 10
What are the primary security responsibilities of the cloud provider in compute virtualizations?

A. Enforce isolation and maintain a secure virtualization infrastructure
B. Monitor and log workloads and configure the security settings
C. Enforce isolation and configure the security settings
D. Maintain a secure virtualization infrastructure and configure the security settings
E. Enforce isolation and monitor and log workloads

Answer: A

NEW QUESTION 12
When designing an encryption system, you should start with a threat model.

A. False
B. True

Answer: B

NEW QUESTION 15
Which of the following statements best defines the "authorization" as a component of identity, entitlement, and access management?

A. The process of specifying and maintaining access policies
B. Checking data storage to make sure it meets compliance requirements
C. Giving a third party vendor permission to work on your cloud solution
D. Establishing/asserting the identity to the application
E. Enforcing the rules by which access is granted to the resources

Answer: D

NEW QUESTION 18
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 21
Network logs from cloud providers are typically flow records, not full packet captures.

A. False

B. True

Answer: B

NEW QUESTION 22
An important consideration when performing a remote vulnerability test of a cloud-based application is to

A. Obtain provider permission for test
B. Use techniques to evade cloud provider's detection systems
C. Use application layer testing tools exclusively
D. Use network layer testing tools exclusively
E. Schedule vulnerability test at night

Answer: A

NEW QUESTION 25
What type of information is contained in the Cloud Security Alliance's Cloud Control Matrix?

A. Network traffic rules for cloud environments
B. A number of requirements to be implemented, based upon numerous standards and regulatory requirements
C. Federal legal business requirements for all cloud operators
D. A list of cloud configurations including traffic logic and efficient routes
E. The command and control management hierarchy of typical cloud company

Answer: B

NEW QUESTION 29
All assets require the same continuity in the cloud.

A. False
B. True

Answer: A

NEW QUESTION 34
What is resource pooling?

A. The provider's computing resources are pooled to serve multiple consumers.
B. Internet-based CPUs are pooled to enable multi-threading.
C. The dedicated computing resources of each client are pooled together in a colocation facility.
D. Placing Internet ("cloud") data centers near multiple sources of energy, such as hydroelectric dams.
E. None of the above.

Answer: A

NEW QUESTION 35
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 37
In which deployment model should the governance strategy consider the minimum common set of controls comprised of the Cloud Service Provider contract and the organization's internal governance agreements?

A. Public
B. PaaS
C. Private
D. IaaS
E. Hybrid

Answer: E

NEW QUESTION 41
What item below allows disparate directory services and independent security domains to be interconnected?

A. Coalition
B. Cloud
C. Intersection
D. Union

E. Federation

Answer: E

NEW QUESTION 43

In the Software-as-a-service relationship, who is responsible for the majority of the security?

A. Application Consumer
B. Database Manager
C. Application Developer
D. Cloud Provider
E. Web Application CISO

Answer: D

NEW QUESTION 44

CCM: Cloud Controls Matrix (CCM) is a completely independent cloud assessment toolkit that does not map any existing standards.

A. True
B. False

Answer: B

NEW QUESTION 47

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