

## CCSK Dumps

### Certificate of Cloud Security Knowledge

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#### NEW QUESTION 1

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 2

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 3

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 4

Which cloud storage technology is basically a virtual hard drive for instanced or VMs?

- A. Volume storage
- B. Platform
- C. Database
- D. Application
- E. Object storage

**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

Dynamic Application Security Testing (DAST) might be limited or require pre-testing permission from the provider.

- A. False
- B. True

**Answer:** B

#### NEW QUESTION 7

A cloud deployment of two or more unique clouds is known as:

- A. Infrastructures as a Service
- B. A Private Cloud
- C. A Community Cloud
- D. A Hybrid Cloud
- E. Jericho Cloud Cube Model

**Answer:** C

**NEW QUESTION 8**

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

- A. False
- B. True

**Answer:** B

**NEW QUESTION 9**

In the cloud provider and consumer relationship, which entity manages the virtual or abstracted infrastructure?

- A. Only the cloud consumer
- B. Only the cloud provider
- C. Both the cloud provider and consumer
- D. It is determined in the agreement between the entities
- E. It is outsourced as per the entity agreement

**Answer:** C

**NEW QUESTION 10**

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 10**

Audits should be robustly designed to reflect best practice, appropriate resources, and tested protocols and standards. They should also use what type of auditors?

- A. Auditors working in the interest of the cloud customer
- B. Independent auditors
- C. Certified by CSA
- D. Auditors working in the interest of the cloud provider
- E. None of the above

**Answer:** B

**NEW QUESTION 15**

CCM: The Cloud Service Delivery Model Applicability column in the CCM indicates the applicability of the cloud security control to which of the following elements?

- A. Mappings to well-known standards and frameworks
- B. Service Provider or Tenant/Consumer
- C. Physical, Network, Compute, Storage, Application or Data
- D. SaaS, PaaS or IaaS

**Answer:** D

**NEW QUESTION 17**

Vulnerability assessments cannot be easily integrated into CI/CD pipelines because of provider restrictions.

- A. False
- B. True

**Answer:** A

**NEW QUESTION 19**

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 20**

The containment phase of the incident response lifecycle requires taking systems offline.

- A. False
- B. True

**Answer:** B

**NEW QUESTION 25**

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

- A. False
- B. True

**Answer:** A

**NEW QUESTION 26**

If the management plane has been breached, you should confirm the templates/configurations for your infrastructure or applications have not also been compromised.

- A. False
- B. True

**Answer:** A

**NEW QUESTION 30**

ENISA: Which is not one of the five key legal issues common across all scenarios:

- A. Data protection
- B. Professional negligence
- C. Globalization
- D. Intellectual property
- E. Outsourcing services and changes in control

**Answer:** C

**NEW QUESTION 31**

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 32**

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 34**

Which statement best describes why it is important to know how data is being accessed?

- A. The devices used to access data have different storage formats.
- B. The devices used to access data use a variety of operating systems and may have different programs installed on them.
- C. The device may affect data dispersion.
- D. The devices used to access data use a variety of applications or clients and may have different security characteristics.
- E. The devices used to access data may have different ownership characteristics.

**Answer:** D

**NEW QUESTION 35**

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 37**

What method can be utilized along with data fragmentation to enhance security?

- A. Encryption
- B. Organization
- C. Knowledge management
- D. IDS
- E. Insulation

**Answer:** E

**NEW QUESTION 40**

Which data security control is the LEAST likely to be assigned to an IaaS provider?

- A. Application logic
- B. Access controls
- C. Encryption solutions
- D. Physical destruction
- E. Asset management and tracking

**Answer:** A

**NEW QUESTION 42**

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 46**

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 51**

Which governance domain deals with evaluating how cloud computing affects compliance with internal security policies and various legal requirements, such as regulatory and legislative?

- A. Legal Issues: Contracts and Electronic Discovery
- B. Infrastructure Security
- C. Compliance and Audit Management
- D. Information Governance
- E. Governance and Enterprise Risk Management

**Answer:** C

**NEW QUESTION 56**

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. Applistrukture
- E. Metastructure

**Answer:** A

**NEW QUESTION 59**

CCM: In the CCM tool, is a measure that modifies risk and includes any process, policy, device, practice or any other actions which modify risk.

- A. Risk Impact
- B. Domain
- C. Control Specification

**Answer:** C

**NEW QUESTION 63**

CCM: In the CCM tool, “Encryption and Key Management” is an example of which of the following?

- A. Risk Impact
- B. Domain
- C. Control Specification

**Answer:** B

**NEW QUESTION 66**

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 69**

CCM: A hypothetical company called: “Health4Sure” is located in the United States and provides cloud based services for tracking patient health. The company is compliant with HIPAA/HITECH Act among other industry standards. Health4Sure decides to assess the overall security of their cloud service against the CCM toolkit so that they will be able to present this document to potential clients.

Which of the following approach would be most suitable to assess the overall security posture of Health4Sure’s cloud service?

- A. The CCM columns are mapped to HIPAA/HITECH Act and therefore Health4Sure could verify the CCM controls already covered as a result of their compliance with HIPAA/HITECH Act
- B. They could then assess the remaining control
- C. This approach will save time.
- D. The CCM domain controls are mapped to HIPAA/HITECH Act and therefore Health4Sure could verify the CCM controls already covered as a result of their compliance with HIPAA/HITECH Act
- E. They could then assess the remaining controls thoroughly
- F. This approach saves time while being able to assess the company’s overall security posture in an efficient manner.
- G. The CCM domains are not mapped to HIPAA/HITECH Act
- H. Therefore Health4Sure should assess the security posture of their cloud service against each and every control in the CCM
- I. This approach will allow a thorough assessment of the security posture.

**Answer:** C

**NEW QUESTION 70**

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 75**

Sending data to a provider's storage over an API is likely as much more reliable and secure than setting up your own SFTP server on a VM in the same provider

- A. False
- B. True

**Answer:** B

**NEW QUESTION 76**

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