



**CSA**

## **Exam Questions CCSK**

Certificate of Cloud Security Knowledge

#### NEW QUESTION 1

What is known as the interface used to connect with the metastructure and configure the cloud environment?

- A. Administrative access
- B. Management plane
- C. Identity and Access Management
- D. Single sign-on
- E. Cloud dashboard

**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

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 4

CCM: The following list of controls belong to which domain of the CCM?

GRM 06 – Policy GRM 07 – Policy Enforcement GRM 08 – Policy Impact on Risk Assessments GRM 09 – Policy Reviews GRM 10 – Risk Assessments GRM 11 – Risk Management Framework

- A. Governance and Retention Management
- B. Governance and Risk Management
- C. Governing and Risk Metrics

**Answer: B**

#### NEW QUESTION 5

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 6

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 7

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 8

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 thoroughl
- 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 CC
- I. This approach will allow a thorough assessment of the security posture.

**Answer: C**

#### NEW QUESTION 9

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 10

ENISA: A reason for risk concerns of a cloud provider being acquired is:

- A. Arbitrary contract termination by acquiring company
- B. Resource isolation may fail
- C. Provider may change physical location
- D. Mass layoffs may occur
- E. Non-binding agreements put at risk

**Answer: E**

#### NEW QUESTION 10

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 12

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 14

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 18

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 22

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 26

When investigating an incident in an Infrastructure as a Service (IaaS) environment, what can the user investigate on their own?

- A. The CSP server facility
- B. The logs of all customers in a multi-tenant cloud
- C. The network components controlled by the CSP
- D. The CSP office spaces
- E. Their own virtual instances in the cloud

**Answer:** E

#### 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 30

What can be implemented to help with account granularity and limit blast radius with IaaS and PaaS?

- A. Configuring secondary authentication
- B. Establishing multiple accounts
- C. Maintaining tight control of the primary account holder credentials
- D. Implementing least privilege accounts
- E. Configuring role-based authentication

**Answer:** B

#### NEW QUESTION 32

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

- A. False
- B. True

**Answer:** B

#### NEW QUESTION 33

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

- A. False
- B. True

**Answer:** A

#### NEW QUESTION 34

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 35

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 38

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 40

Which attack surfaces, if any, does virtualization technology introduce?

- A. The hypervisor
- B. Virtualization management components apart from the hypervisor
- C. Configuration and VM sprawl issues
- D. All of the above

**Answer:** D

#### NEW QUESTION 44

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 46

All assets require the same continuity in the cloud.

- A. False
- B. True

**Answer:** A

#### NEW QUESTION 48

Cloud applications can use virtual networks and other structures, for hyper-segregated environments.

- A. False
- B. True

**Answer:** B

#### NEW QUESTION 53

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 54

What is defined as the process by which an opposing party may obtain private documents for use in litigation?

- A. Discovery
- B. Custody
- C. Subpoena
- D. Risk Assessment
- E. Scope

**Answer:** A

#### NEW QUESTION 58

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 60

CCM: A hypothetical start-up company called "ABC" provides a cloud based IT management solution. They are growing rapidly and therefore need to put controls in place in order to manage any changes in their production environment. Which of the following Change Control & Configuration Management production environment specific control should they implement in this scenario?

- A. Policies and procedures shall be established for managing the risks associated with applying changes to business-critical or customer (tenant)-impacting (physical and virtual) applications and systemsystem interface (API) designs and configurations, infrastructure network and systems components.
- B. Policies and procedures shall be established, and supporting business processes and technical measures implemented, to restrict the installation of unauthorized software on organizationally-owned ormanaged user end-point devices (e.
- C. issued workstations, laptops, and mobile devices) and IT infrastructure network and systems components.
- D. All cloud-based services used by the company's mobile devices or BYOD shall be pre-approved for usage and the storage of company business data.
- E. None of the above

**Answer:** A

#### NEW QUESTION 62

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