

## Exam Questions CCSK

Certificate of Cloud Security Knowledge

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#### NEW QUESTION 1

What is known as a code execution environment running within an operating system that shares and uses the resources of the operating system?

- A. Platform-based Workload
- B. Pod
- C. Abstraction
- D. Container
- E. Virtual machine

**Answer:** D

#### NEW QUESTION 2

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 3

Containers are highly portable code execution environments.

- A. False
- B. True

**Answer:** B

#### NEW QUESTION 4

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 5

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

- A. False
- B. True

**Answer:** B

#### NEW QUESTION 6

Which of the following is one of the five essential characteristics of cloud computing as defined by NIST?

- A. Multi-tenancy
- B. Nation-state boundaries
- C. Measured service
- D. Unlimited bandwidth
- E. Hybrid clouds

**Answer:** C

#### NEW QUESTION 7

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 8

Which concept provides the abstraction needed for resource pools?

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

**Answer:** A

#### NEW QUESTION 9

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

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

- A. False
- B. True

**Answer:** B

#### NEW QUESTION 10

How does virtualized storage help avoid data loss if a drive fails?

- A. Multiple copies in different locations
- B. Drives are backed up, swapped, and archived constantly
- C. Full back ups weekly
- D. Data loss is unavoidable with drive failures
- E. Incremental backups daily

**Answer:** A

#### NEW QUESTION 15

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 17

Which of the following items is NOT an example of Security as a Service (SecaaS)?

- A. Spam filtering
- B. Authentication
- C. Provisioning
- D. Web filtering
- E. Intrusion detection

**Answer:** C

#### NEW QUESTION 18

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 21

In which type of environment is it impractical to allow the customer to conduct their own audit, making it important that the data center operators are required to provide auditing for the customers?

- A. Multi-application, single tenant environments
- B. Long distance relationships
- C. Multi-tenant environments
- D. Distributed computing arrangements
- E. Single tenant environments

**Answer:** C

#### NEW QUESTION 24

All cloud services utilize virtualization technologies.

- A. False
- B. True

**Answer:** B

#### NEW QUESTION 27

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 32

What is true of security as it relates to cloud network infrastructure?

- A. You should apply cloud firewalls on a per-network basis.
- B. You should deploy your cloud firewalls identical to the existing firewalls.
- C. You should always open traffic between workloads in the same virtual subnet for better visibility.
- D. You should implement a default allow with cloud firewalls and then restrict as necessary.
- E. You should implement a default deny with cloud firewalls.

**Answer:** E

#### NEW QUESTION 34

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 36

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 37

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 42

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. Metastruktüre

**Answer:** A

#### NEW QUESTION 47

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 52

CCM: In the CCM tool, ais 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 56

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 60

Which term is used to describe the use of tools to selectively degrade portions of the cloud to continuously test business continuity?

- A. Planned Outages
- B. Resiliency Planning
- C. Expected Engineering
- D. Chaos Engineering
- E. Organized Downtime

**Answer:** D

#### NEW QUESTION 65

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 67

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 68

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 70**

Without virtualization, there is no cloud.

- A. False
- B. True

**Answer:** B

**NEW QUESTION 75**

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