

# CSA

## Exam Questions CCSK

Certificate of Cloud Security Knowledge



#### 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

Select the best definition of “compliance” from the options below.

- A. The development of a routine that covers all necessary security measures.
- B. The diligent habits of good security practices and recording of the same.
- C. The timely and efficient filing of security reports.
- D. The awareness and adherence to obligations, including the assessment and prioritization of corrective actions deemed necessary and appropriate.
- E. The process of completing all forms and paperwork necessary to develop a defensible paper trail.

**Answer:** D

#### NEW QUESTION 3

Which of the following is NOT a cloud computing characteristic that impacts incidence response?

- A. The on demand self-service nature of cloud computing environments.
- B. Privacy concerns for co-tenants regarding the collection and analysis of telemetry and artifacts associated with an incident.
- C. The possibility of data crossing geographic or jurisdictional boundaries.
- D. Object-based storage in a private cloud.
- E. The resource pooling practiced by cloud services, in addition to the rapid elasticity offered by cloud infrastructures.

**Answer:** B

#### NEW QUESTION 4

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

- A. False
- B. True

**Answer:** B

#### NEW QUESTION 5

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

- A. False
- B. True

**Answer:** B

#### NEW QUESTION 6

How should an SDLC be modified to address application security in a Cloud Computing environment?

- A. Integrated development environments
- B. Updated threat and trust models
- C. No modification is needed
- D. Just-in-time compilers
- E. Both B and C

**Answer:** A

#### 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

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 9

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 10

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 10

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 14

Network logs from cloud providers are typically flow records, not full packet captures.

- A. False
- B. True

**Answer:** B

#### NEW QUESTION 19

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 23

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

- A. False
- B. True

**Answer:** A

#### NEW QUESTION 27

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 29**

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 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 36**

CCM: A company wants to use the IaaS offering of some CSP. Which of the following options for using CCM is NOT suitable for the company as a cloud customer?

- A. Submit the CCM on behalf of the CSP to CSA Security, Trust & Assurance Registry (STAR), a free, publicly accessible registry that documents the security controls provided by CSPs
- B. Use CCM to build a detailed list of requirements and controls that they want their CSP to implement
- C. Use CCM to help assess the risk associated with the CSP
- D. None of the above

**Answer:** D

**NEW QUESTION 40**

Why is a service type of network typically isolated on different hardware?

- A. It requires distinct access controls
- B. It manages resource pools for cloud consumers
- C. It has distinct functions from other networks
- D. It manages the traffic between other networks
- E. It requires unique security

**Answer:** D

**NEW QUESTION 45**

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 49**

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 50**

Use elastic servers when possible and move workloads to new instances.

- A. False
- B. True

**Answer:** B

**NEW QUESTION 54**

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. Appliststructure
- E. Metastructure

**Answer:** A

**NEW QUESTION 56**

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 61**

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 66**

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 69**

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 73**

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

- A. False
- B. True

**Answer:** B

**NEW QUESTION 77**

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