



**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

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 3

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 4

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 5

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 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

What of the following is NOT an essential characteristic of cloud computing?

- A. Broad Network Access
- B. Measured Service
- C. Third Party Service
- D. Rapid Elasticity
- E. Resource Pooling

**Answer:** C

#### 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

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 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 12

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 16

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 21

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 26**

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 28**

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 32**

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 34**

ENISA: An example high risk role for malicious insiders within a Cloud Provider includes

- A. Sales
- B. Marketing
- C. Legal counsel
- D. Auditors
- E. Accounting

**Answer:** D

**NEW QUESTION 36**

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 37**

Which of the following statements is true in regards to Data Loss Prevention (DLP)?

- A. DLP can provide options for quickly deleting all of the data stored in a cloud environment.
- B. DLP can classify all data in a storage repository.
- C. DLP never provides options for how data found in violation of a policy can be handled.
- D. DLP can provide options for where data is stored.
- E. DLP can provide options for how data found in violation of a policy can be handled.

**Answer:** E

**NEW QUESTION 41**

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 42

What is true of companies considering a cloud computing business relationship?

- A. The laws protecting customer data are based on the cloud provider and customer location only.
- B. The confidentiality agreements between companies using cloud computing services is limited legally to the company, not the provider.
- C. The companies using the cloud providers are the custodians of the data entrusted to them.
- D. The cloud computing companies are absolved of all data security and associated risks through contracts and data laws.
- E. The cloud computing companies own all customer data.

**Answer:** C

#### 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 49

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 52

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 55

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 56

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 58

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 61

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 65

The Software Defined Perimeter (SDP) includes which components?

- A. Client, Controller, and Gateway
- B. Client, Controller, Firewall, and Gateway
- C. Client, Firewall, and Gateway
- D. Controller, Firewall, and Gateway
- E. Client, Controller, and Firewall

**Answer:** A

#### NEW QUESTION 68

Your SLA with your cloud provider ensures continuity for all services.

- A. False
- B. True

**Answer:** A

#### NEW QUESTION 71

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