



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

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 4

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 5

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

- A. False
- B. True

Answer: B

NEW QUESTION 6

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 7

A defining set of rules composed of claims and attributes of the entities in a transaction, which is used to determine their level of access to cloud-based resources is called what?

- A. An entitlement matrix
- B. A support table
- C. An entry log
- D. A validation process
- E. An access log

Answer: D

NEW QUESTION 8

What is true of a workload?

- A. It is a unit of processing that consumes memory
- B. It does not require a hardware stack
- C. It is always a virtual machine
- D. It is configured for specific, established tasks
- E. It must be containerized

Answer: A

NEW QUESTION 9

Which of the following statements are NOT requirements of governance and enterprise risk management in a cloud environment?

- A. Inspect and account for risks inherited from other members of the cloud supply chain and take active measures to mitigate and contain risks through operational resiliency.
- B. Respect the interdependency of the risks inherent in the cloud supply chain and communicate the corporate risk posture and readiness to consumers and dependent parties.
- C. Negotiate long-term contracts with companies who use well-vetted software application to avoid the transient nature of the cloud environment.
- D. Provide transparency to stakeholders and shareholders demonstrating fiscal solvency and organizational transparency.
- E. Both B and C.

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

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 11

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 13

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 18

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 20

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

- A. False
- B. True

Answer: B

NEW QUESTION 23

Which statement best describes the impact of Cloud Computing on business continuity management?

- A. A general lack of interoperability standards means that extra focus must be placed on the security aspects of migration between Cloud providers.
- B. The size of data sets hosted at a Cloud provider can present challenges if migration to another provider becomes necessary.
- C. Customers of SaaS providers in particular need to mitigate the risks of application lock-in.
- D. Clients need to do business continuity planning due diligence in case they suddenly need to switch providers.
- E. Geographic redundancy ensures that Cloud Providers provide highly available services.

Answer: E

NEW QUESTION 25

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

- A. False
- B. True

Answer: B

NEW QUESTION 30

Which concept is a mapping of an identity, including roles, personas, and attributes, to an authorization?

- A. Access control
- B. Federated Identity Management
- C. Authoritative source
- D. Entitlement
- E. Authentication

Answer: D

NEW QUESTION 35

What is the newer application development methodology and philosophy focused on automation of application development and deployment?

- A. Agile
- B. BusOps
- C. DevOps
- D. SecDevOps
- E. Scrum

Answer: C

NEW QUESTION 40

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 42

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

- A. False
- B. True

Answer: B

NEW QUESTION 45

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. Applistruature
- E. Metastructure

Answer: A

NEW QUESTION 48

In volume storage, what method is often used to support resiliency and security?

- A. proxy encryption
- B. data rights management
- C. hypervisor agents
- D. data dispersion
- E. random placement

Answer: D

NEW QUESTION 53

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 55

Who is responsible for the security of the physical infrastructure and virtualization platform?

- A. The cloud consumer
- B. The majority is covered by the consumer
- C. It depends on the agreement
- D. The responsibility is split equally
- E. The cloud provider

Answer: E

NEW QUESTION 58

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 61

When mapping functions to lifecycle phases, which functions are required to successfully process data?

- A. Create, Store, Use, and Share
- B. Create and Store
- C. Create and Use
- D. Create, Store, and Use
- E. Create, Use, Store, and Delete

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 68

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 73

REST APIs are the standard for web-based services because they run over HTTPS and work well across diverse environments.

- A. False
- B. True

Answer: B

NEW QUESTION 77

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 79

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 81

Big data includes high volume, high variety, and high velocity.

- A. False
- B. True

Answer: B

NEW QUESTION 82

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 83

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 87

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