

# Exam Questions CCSK

Certificate of Cloud Security Knowledge

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#### NEW QUESTION 1

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 2

CCM: Cloud Controls Matrix (CCM) is a completely independent cloud assessment toolkit that does not map any existing standards.

- A. True
- B. False

**Answer:** B

#### 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

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 5

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 6

Containers are highly portable code execution environments.

- A. False
- B. True

**Answer:** B

#### NEW QUESTION 7

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 8

How can web security as a service be deployed for a cloud consumer?

- A. By proxying or redirecting web traffic to the cloud provider
- B. By utilizing a partitioned network drive
- C. On the premise through a software or appliance installation
- D. Both A and C
- E. None of the above

**Answer:** A

#### NEW QUESTION 9

ENISA: Which is a potential security benefit of cloud computing?

- A. More efficient and timely system updates
- B. ISO 27001 certification
- C. Provider can obfuscate system O/S and versions
- D. Greater compatibility with customer IT infrastructure
- E. Lock-In

**Answer:** A

#### NEW QUESTION 10

Which term describes any situation where the cloud consumer does not manage any of the underlying hardware or virtual machines?

- A. Serverless computing
- B. Virtual machineless
- C. Abstraction
- D. Container
- E. Provider managed

**Answer:** A

#### 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 15

Which concept provides the abstraction needed for resource pools?

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

**Answer:** A

#### NEW QUESTION 16

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

- A. False
- B. True

**Answer:** B

#### NEW QUESTION 18

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 19

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

- A. False
- B. True

**Answer:** A

#### NEW QUESTION 23

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

- A. False
- B. True

**Answer:** B

#### NEW QUESTION 27

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 31

All cloud services utilize virtualization technologies.

- A. False
- B. True

**Answer:** B

#### NEW QUESTION 35

Which opportunity helps reduce common application security issues?

- A. Elastic infrastructure
- B. Default deny
- C. Decreased use of micro-services
- D. Segregation by default
- E. Fewer serverless configurations

**Answer:** A

#### NEW QUESTION 36

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 37

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 42

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 46

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 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 50

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 53

Which of the following is a perceived advantage or disadvantage of managing enterprise risk for cloud deployments?

- A. More physical control over assets and processes.
- B. Greater reliance on contracts, audits, and assessments due to lack of visibility or management.
- C. Decreased requirement for proactive management of relationship and adherence to contracts.
- D. Increased need, but reduction in costs, for managing risks accepted by the cloud provider.
- E. None of the above.

**Answer: B**

#### NEW QUESTION 56

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 59

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 60

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 65**

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**

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 73**

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 76**

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 81**

What is a core tenant of risk management?

- A. The provider is accountable for all risk management.
- B. You can manage, transfer, accept, or avoid risks.
- C. The consumers are completely responsible for all risk.
- D. If there is still residual risk after assessments and controls are in place, you must accept the risk.
- E. Risk insurance covers all financial losses, including loss of customers.

**Answer:** B

**NEW QUESTION 82**

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