

## CCSK Dumps

### 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**

How is encryption managed on multi-tenant storage?

- A. Single key for all data owners
- B. One key per data owner
- C. Multiple keys per data owner
- D. The answer could be A, B, or C depending on the provider
- E. C for data subject to the EU Data Protection Directive; B for all others

**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**

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 5**

In which deployment model should the governance strategy consider the minimum common set of controls comprised of the Cloud Service Provider contract and the organization's internal governance agreements?

- A. Public
- B. PaaS
- C. Private
- D. IaaS
- E. Hybrid

**Answer:** E

**NEW QUESTION 6**

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

- A. False
- B. True

**Answer:** B

**NEW QUESTION 7**

CCM: A hypothetical start-up company called "ABC" provides a cloud based IT management solution. They are growing rapidly and therefore need to put controls in place in order to manage any changes in their production environment. Which of the following Change Control & Configuration Management production environment specific control should they implement in this scenario?

- A. Policies and procedures shall be established for managing the risks associated with applying changes to business-critical or customer (tenant)-impacting (physical and virtual) applications and systemsystem interface (API) designs and configurations, infrastructure network and systems components.
- B. Policies and procedures shall be established, and supporting business processes and technical measures implemented, to restrict the installation of unauthorized software on organizationally-owned ormanaged user end-point devices (e. issued workstations, laptops, and mobile devices) and IT infrastructure network and systems components.
- C. issued workstations, laptops, and mobile devices) and IT infrastructure network and systems components.

D. All cloud-based services used by the company's mobile devices or BYOD shall be pre-approved for usage and the storage of company business data.  
E. None of the above

**Answer:** A

**NEW QUESTION 8**

Containers are highly portable code execution environments.

- A. False
- B. True

**Answer:** B

**NEW QUESTION 9**

All assets require the same continuity in the cloud.

- A. False
- B. True

**Answer:** A

**NEW QUESTION 10**

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 10**

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 12**

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 16**

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 19**

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 21**

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 26**

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 28**

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 30**

Which concept provides the abstraction needed for resource pools?

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

**Answer:** A

**NEW QUESTION 31**

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

- A. False
- B. True

**Answer:** B

**NEW QUESTION 33**

Vulnerability assessments cannot be easily integrated into CI/CD pipelines because of provider restrictions.

- A. False
- B. True

**Answer:** A

**NEW QUESTION 37**

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

- A. False
- B. True

**Answer:** A

**NEW QUESTION 42**

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 44**

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 49**

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 53**

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 56**

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 61**

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 63**

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 64**

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 67**

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 70**

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. Metastructure

**Answer:** A

**NEW QUESTION 74**

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 79**

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 81**

CCM: In the CCM tool, is 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 82**

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 85**

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 86

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 90

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 92

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 97

CCM: A hypothetical company called: “Health4Sure” is located in the United States and provides cloud based services for tracking patient health. The company is compliant with HIPAA/HITECH Act among other industry standards. Health4Sure decides to assess the overall security of their cloud service against the CCM toolkit so that they will be able to present this document to potential clients.

Which of the following approach would be most suitable to assess the overall security posture of Health4Sure’s cloud service?

- A. The CCM columns are mapped to HIPAA/HITECH Act and therefore Health4Sure could verify the CCM controls already covered as a result of their compliance with HIPAA/HITECH Act
- B. They could then assess the remaining control
- C. This approach will save time.
- D. The CCM domain controls are mapped to HIPAA/HITECH Act and therefore Health4Sure could verify the CCM controls already covered as a result of their compliance with HIPAA/HITECH Act
- E. They could then assess the remaining controls thoroughly
- F. This approach saves time while being able to assess the company’s overall security posture in an efficient manner.
- G. The CCM domains are not mapped to HIPAA/HITECH Act
- H. Therefore Health4Sure should assess the security posture of their cloud service against each and every control in the CCM
- I. This approach will allow a thorough assessment of the security posture.

**Answer:** C

#### NEW QUESTION 99

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 104

Sending data to a provider’s storage over an API is likely as much more reliable and secure than setting up your own SFTP server on a VM in the same provider

- A. False
- B. True

**Answer:** B

**NEW QUESTION 108**

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