Exam Questions CCSK

Certificate of Cloud Security Knowledge

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NEW QUESTION 1
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 2
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 inplace, you must accept the risk.
E. Risk insurance covers all financial losses, including loss of customers.

Answer: B

NEW QUESTION 3
Big data includes high volume, high variety, and high velocity.

A. False
B. True

Answer: B

NEW QUESTION 4
CCM: The following list of controls belong to which domain of the CCM?
GRM 06 – Policy GRM 07 – Policy Enforcement GRM 08 – Policy Impact on Risk Assessments GRM 09 – Policy Reviews GRM 10 – Risk Assessments GRM 11 – Risk Management Framework

A. Governance and Retention Management
B. Governance and Risk Management
C. Governing and Risk Metrics

Answer: B

NEW QUESTION 5
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 6
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 7
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 8
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 9
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 ad a result of their compliance with HIPPA/HITECH Ac
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 HIPPA/HITECH Ac
E. They could then assess the remaining controls thoroughl
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 Ac
H. Therefore Health4Sure should assess the security posture of their cloud service against each and every control in the CC
I. This approach will allow a thorough assessment of the security posture.

Answer: C

NEW QUESTION 10
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 10
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 15
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 17
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 21
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 22
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 25
CCM: In the CCM tool, ais 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 28
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 33
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 34
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 38
What are the primary security responsibilities of the cloud provider in compute virtualizations?

A. Enforce isolation and maintain a secure virtualization infrastructure
B. Monitor and log workloads and configure the security settings
C. Enforce isolation and configure the security settings
D. Maintain a secure virtualization infrastructure and configure the security settings
E. Enforce isolation and monitor and log workloads

Answer: A

NEW QUESTION 42
When designing an encryption system, you should start with a threat model.

A. False

B. True

Answer: B

NEW QUESTION 45
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 50
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 53
The containment phase of the incident response lifecycle requires taking systems offline.

A. False
B. True

Answer: B

NEW QUESTION 55
What does it mean if the system or environment is built automatically from a template?

A. Nothing.
B. It depends on how the automation is configured.
C. Changes made in production are overwritten by the next code or template change.
D. Changes made in test are overwritten by the next code or template change.
E. Changes made in production are untouched by the next code or template change.

Answer: D

NEW QUESTION 60
Your cloud and on-premises infrastructures should always use the same network address ranges.

A. False
B. True

Answer: A

NEW QUESTION 61
Network logs from cloud providers are typically flow records, not full packet captures.

A. False
B. True

Answer: B

NEW QUESTION 64
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 65

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 70
When configured properly, logs can track every code, infrastructure, and configuration change and connect it back to the submitter and approver, including the test results.

A. False
B. True

Answer: B

NEW QUESTION 73
Which concept provides the abstraction needed for resource pools?

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

Answer: A

NEW QUESTION 76
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 77
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 78
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 81
All assets require the same continuity in the cloud.

A. False
B. True

Answer: A

NEW QUESTION 86
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 87
Cloud applications can use virtual networks and other structures, for hyper-segregated environments.

A. False
B. True

Answer: B

NEW QUESTION 89
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 91
Containers are highly portable code execution environments.

A. False
B. True

Answer: B

NEW QUESTION 94
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 97
If there are gaps in network logging data, what can you do?

A. Nothin
B. There are simply limitations around the data that can be logged in the cloud.
C. Ask the cloud provider to open more ports.
D. You can instrument the technology stack with your own logging.
E. Ask the cloud provider to close more ports.
F. Nothin
G. The cloud provider must make the information available.

Answer: C

NEW QUESTION 100
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 104
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.
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 105
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 110
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