Vendor: CSA

Exam Code: CCSK

Exam Name: Certificate of Cloud Security Knowledge (v4.0)

Version: 13.01

Q & As: 60

QUESTION 1
All cloud services utilize virtualization technologies.

A. False
B. True

Correct Answer: B

QUESTION 2
If there are gaps in network logging data, what can you do?

A. Nothing. There are simply limitations around the data that can be logged in the cloud.
B. Ask the cloud provider to open more ports.
C. You can instrument the technology stack with your own logging.
D. Ask the cloud provider to close more ports.
E. Nothing. The cloud provider must make the information available.

Correct Answer: C

QUESTION 3
CCM: In the CCM tool, a _____ 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

Correct Answer: C

QUESTION 4
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

Correct Answer: E

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
Correct Answer: D

QUESTION 6
Which cloud-based service model enables companies to provide client-based access for partners to databases or applications?

A. Platform-as-a-service (PaaS)
B. Desktop-as-a-service (DaaS)
C. Infrastructure-as-a-service (IaaS)
D. Identity-as-a-service (IDaaS)
E. Software-as-a-service (SaaS)

Correct Answer: A

QUESTION 7
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

Correct Answer: B

QUESTION 8
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

Correct Answer: D

QUESTION 9
APIs and web services require extensive hardening and must assume attacks from authenticated and unauthenticated adversaries.

A. False
B. True

Correct Answer: B

QUESTION 10
Which of the following is NOT a cloud computing characteristic that impacts incidence response?

A. The on demand self-service nature of cloud computing environments.
B. Privacy concerns for co-tenants regarding the collection and analysis of telemetry and artifacts

associated with an incident.
C. The possibility of data crossing geographic or jurisdictional boundaries.
D. Object-based storage in a private cloud.
E. The resource pooling practiced by cloud services, in addition to the rapid elasticity offered by cloud infrastructures.

Correct Answer: B

QUESTION 11
Big data includes high volume, high variety, and high velocity.

A. False
B. True

Correct Answer: B

QUESTION 12
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 Act. They could then assess the remaining controls. This approach will save time.
B. 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 Act. They could then assess the remaining controls thoroughly. This approach saves time while being able to assess the company's overall security posture in an efficient manner.
C. The CCM domains are not mapped to HIPAA/HITECH Act. Therefore Health4Sure should assess the security posture of their cloud service against each and every control in the CCM. This approach will allow a thorough assessment of the security posture.

Correct Answer: C

QUESTION 13
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

Correct Answer: D

QUESTION 14
Cloud applications can use virtual networks and other structures, for hyper-segregated environments.