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
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
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 8
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.

Answer: B

NEW QUESTION 9
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 should an SDLC be modified to address application security in a Cloud Computing environment?

A. Integrated development environments
B. Updated threat and trust models
C. No modification is needed
D. Just-in-time compilers
E. Both B and C

Answer: A

NEW QUESTION 10
What is a potential concern of using Security-as-a-Service (SecaaS)?

A. Lack of visibility
B. Deployment flexibility
C. Scaling and costs
D. Intelligence sharing
E. Insulation of clients

Answer: A

NEW QUESTION 11
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 13
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 15
Cloud services exhibit five essential characteristics that demonstrate their relation to, and differences from, traditional computing approaches. Which one of the five characteristics is described as: a consumer can unilaterally provision computing capabilities such as server time and network storage as needed.

A. Rapid elasticity
B. Resource pooling
C. Broad network access
D. Measured service
E. On-demand self-service

Answer: E

NEW QUESTION 18
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 20
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 22
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 25
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 28
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 32
Which of the following items is NOT an example of Security as a Service (SecaaS)?

A. Spam filtering
B. Authentication
C. Provisioning
D. Web filtering
E. Intrusion detection

Answer: C

NEW QUESTION 37
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 39
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 44
All cloud services utilize virtualization technologies.

A. False
B. True

Answer: B

NEW QUESTION 47
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 50
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 54
What are the encryption options available for SaaS consumers?

A. Any encryption option that is available for volume storage, object storage, or PaaS
B. Provider-managed and (sometimes) proxy encryption
C. Client/application and file/folder encryption
D. Object encryption Volume storage encryption

Answer: B

NEW QUESTION 56
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 61
Use elastic servers when possible and move workloads to new instances.

A. False
B. True

Answer: B

NEW QUESTION 62
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. Applistructure
E. Metastructure

Answer: A

NEW QUESTION 65
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 66
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 70
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 74
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 77
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 79
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 82

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 85

Your SLA with your cloud provider ensures continuity for all services.

A. False
B. True

Answer: A

NEW QUESTION 86

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

A. False
B. True

Answer: B

NEW QUESTION 88

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 89

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 90

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