CSA

Exam Questions CCSK

Certificate of Cloud Security Knowledge

NEW QUESTION 1
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 2
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 3
Without virtualization, there is no cloud.

A. False
B. True

Answer: B

NEW QUESTION 4
Big data includes high volume, high variety, and high velocity.

A. False
B. True

Answer: B

NEW QUESTION 5
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 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
Your SLA with your cloud provider ensures continuity for all services.

A. False
B. True

Answer: A

NEW QUESTION 8
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 9
How can virtual machine communications bypass network security controls?

A. VM communications may use a virtual network on the same hardware host
B. The guest OS can invoke stealth mode
C. Hypervisors depend upon multiple network interfaces
D. VM images can contain rootkits programmed to bypass firewalls
E. Most network security systems do not recognize encrypted VM traffic

Answer: A

NEW QUESTION 10
Use elastic servers when possible and move workloads to new instances.

A. False
B. True

Answer: B

NEW QUESTION 10
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 15
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 17
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 20
ENISA: Lock-in is ranked as a high risk in ENISA research, a key underlying vulnerability causing lock in is:

A. Lack of completeness and transparency in terms of use
B. Lack of information on jurisdictions
C. No source escrow agreement
D. Unclear asset ownership
E. Audit or certification not available to customers

Answer: A

NEW QUESTION 25
For third-party audits or attestations, what is critical for providers to publish and customers to evaluate?

A. Scope of the assessment and the exact included features and services for the assessment
B. Provider infrastructure information including maintenance windows and contracts
C. Network or architecture diagrams including all end point security devices in use
D. Service-level agreements between all parties
E. Full API access to all required services

Answer: C

NEW QUESTION 28

What can be implemented to help with account granularity and limit blast radius with IaaS an 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 30
All cloud services utilize virtualization technologies.

A. False
B. True

Answer: B

NEW QUESTION 33
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 34
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 39
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 44
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 46
Network logs from cloud providers are typically flow records, not full packet captures.

A. False
B. True

Answer: B

NEW QUESTION 50
CCM: The Cloud Service Delivery Model Applicability column in the CCM indicates the applicability of the cloud security control to which of the following elements?

A. Mappings to well-known standards and frameworks
B. Service Provider or Tenant/Consumer

C. Physical, Network, Compute, Storage, Application or Data
D. SaaS, PaaS or IaaS

Answer: D

NEW QUESTION 54
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 58
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 61
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 63
What of the following is NOT an essential characteristic of cloud computing?

A. Broad Network Access
B. Measured Service
C. Third Party Service
D. Rapid Elasticity
E. Resource Pooling

Answer: C

NEW QUESTION 67
Any given processor and memory will nearly always be running multiple workloads, often from different tenants.

A. False
B. True

Answer: B

NEW QUESTION 72
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 76
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 80
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 84
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 86
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 87
What is true of searching data across cloud environments?

A. You might not have the ability or administrative rights to search or access all hosted data.
B. The cloud provider must conduct the search with the full administrative controls.
C. All cloud-hosted email accounts are easily searchable.
D. Search and discovery time is always factored into a contract between the consumer and provider.
E. You can easily search across your environment using any E-Discovery tool.

Answer: A

NEW QUESTION 89
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