CSA

Exam Questions CCSK

Certificate of Cloud Security Knowledge

NEW QUESTION 1
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 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
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 4
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 5
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 6
What is true of security as it relates to cloud network infrastructure?

A. You should apply cloud firewalls on a per-network basis.
B. You should deploy your cloud firewalls identical to the existing firewalls.
C. You should always open traffic between workloads in the same virtual subnet for better visibility.
D. You should implement a default allow with cloud firewalls and then restrict as necessary.
E. You should implement a default deny with cloud firewalls.

Answer: E

NEW QUESTION 7
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 8
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 9
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 10
Which of the following is NOT normally a method for detecting and preventing data migration into the cloud?

A. Intrusion Prevention System
B. URL filters
C. Data Loss Prevention
D. Cloud Access and Security Brokers (CASB)
E. Database Activity Monitoring

Answer: A

NEW QUESTION 10
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 13
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

Answer: E

NEW QUESTION 17
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 20
All cloud services utilize virtualization technologies.

A. False
B. True

Answer: B

NEW QUESTION 25
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 27
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 29
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 34
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 35
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 37
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 41
Network logs from cloud providers are typically flow records, not full packet captures.

A. False
B. True

Answer: B

NEW QUESTION 42
Vulnerability assessments cannot be easily integrated into CI/CD pipelines because of provider restrictions.

A. False
B. True

Answer: A

NEW QUESTION 43
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 46
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 50
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 52
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 56
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 57
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 58
Cloud applications can use virtual networks and other structures, for hyper-segregated environments.

A. False
B. True

Answer:

B

NEW QUESTION 60
What is resource pooling?

A. The provider's computing resources are pooled to serve multiple consumers.
B. Internet-based CPUs are pooled to enable multi-threading.
C. The dedicated computing resources of each client are pooled together in a colocation facility.
D. Placing Internet ("cloud") data centers near multiple sources of energy, such as hydroelectric dams.
E. None of the above.

Answer: A

NEW QUESTION 64
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 69
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 71
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 73
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 78
CCM: The Architectural Relevance column in the CCM indicates the applicability of the cloud security control to which of the following elements?

A. Service Provider or Tenant/Consumer
B. Physical, Network, Compute, Storage, Application or Data
C. SaaS, PaaS or IaaS

Answer: C

NEW QUESTION 82
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 85
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