

CCSP Dumps

Certified Cloud Security Professional

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NEW QUESTION 1

- (Exam Topic 1)

Under EU law, a cloud customer who gives sensitive data to a cloud provider is still legally responsible for the damages resulting from a data breach caused by the provider; the EU would say that it is the cloud customer's fault for choosing the wrong provider.

This is an example of insufficient _____ .

- A. Proof
- B. Evidence
- C. Due diligence
- D. Application of reasonableness

Answer: C

NEW QUESTION 2

- (Exam Topic 1)

_____ can often be the result of inadvertent activity. Response:

- A. DDoS
- B. Phishing
- C. Sprawl
- D. Disasters

Answer: C

NEW QUESTION 3

- (Exam Topic 1)

What is the term that describes the situation when a malicious user/attacker can exit the restrictions of a single host and access other nodes on the network?

Response:

- A. Host escape
- B. Guest escape
- C. Provider exit
- D. Escalation of privileges

Answer: A

NEW QUESTION 4

- (Exam Topic 1)

You are the security manager for a small application development company. Your company is considering the use of the cloud for software testing purposes.

Which cloud service model is most likely to suit your needs?

Response:

- A. IaaS
- B. PaaS
- C. SaaS
- D. LaaS

Answer: B

NEW QUESTION 5

- (Exam Topic 1)

Which strategy involves using a fake production system to lure attackers in order to learn about their tactics?

Response:

- A. IDS
- B. Honeypot
- C. IPS
- D. Firewall

Answer: B

NEW QUESTION 6

- (Exam Topic 1)

When an organization implements an SIEM solution and begins aggregating event data, the configured event sources are only valid at the time it was configured.

Application modifications, patching, and other upgrades will change the events generated and how they are represented over time.

What process is necessary to ensure events are collected and processed with this in mind?

- A. Continual review
- B. Continuous optimization
- C. Aggregation updates
- D. Event elasticity

Answer: B

NEW QUESTION 7

- (Exam Topic 1)

Which of the following should occur at each stage of the SDLC?

- A. Added functionality
- B. Management review
- C. Verification and validation
- D. Repurposing of any newly developed components

Answer: C

NEW QUESTION 8

- (Exam Topic 1)

Which concept of cloud computing pertains to the ability to reuse components and services of an application for other purposes?

- A. Portability
- B. Interoperability
- C. Resource pooling
- D. Elasticity

Answer: B

NEW QUESTION 9

- (Exam Topic 1)

Which of the following is a risk in the cloud environment that is not existing or is as prevalent in the legacy environment?

Response:

- A. Legal liability in multiple jurisdictions
- B. Loss of productivity due to DDoS
- C. Ability of users to gain access to their physical workplace
- D. Fire

Answer: A

NEW QUESTION 10

- (Exam Topic 1)

Which of the following is not a factor an organization might use in the cost-benefit analysis when deciding whether to migrate to a cloud environment?

Response:

- A. Pooled resources in the cloud
- B. Shifting from capital expenditures to support IT investment to operational expenditures
- C. The time savings and efficiencies offered by the cloud service
- D. Branding associated with which cloud provider might be selected

Answer: D

NEW QUESTION 10

- (Exam Topic 1)

Egress monitoring solutions usually include a function that _____.

Response:

- A. Uses biometrics to scan users
- B. Inspects incoming packets
- C. Resides on client machines
- D. Uses stateful inspection

Answer: C

NEW QUESTION 13

- (Exam Topic 1)

Which of the following is not one of the defined security controls domains within the Cloud Controls Matrix, published by the Cloud Security Alliance?

Response:

- A. Financial
- B. Human resources
- C. Mobile security
- D. Identity and access management

Answer: A

NEW QUESTION 18

- (Exam Topic 1)

Which of the following types of organizations is most likely to make use of open source software technologies?

- A. Government agencies
- B. Corporations
- C. Universities
- D. Military

Answer: C

NEW QUESTION 23

- (Exam Topic 1)

Which of the following practices can enhance both operational capabilities and configuration management efforts?

Response:

- A. Regular backups
- B. Constant uptime
- C. Multifactor authentication
- D. File hashes

Answer: D

NEW QUESTION 25

- (Exam Topic 1)

Which of the following is the correct name for Tier II of the Uptime Institute Data Center Site Infrastructure Tier Standard Topology?

- A. Concurrently Maintainable Site Infrastructure
- B. Fault-Tolerant Site Infrastructure
- C. Basic Site Infrastructure
- D. Redundant Site Infrastructure Capacity Components

Answer: D

NEW QUESTION 28

- (Exam Topic 1)

The final phase of the cloud data lifecycle is the destroy phase, where data is ultimately deleted and done so in a secure manner to ensure it cannot be recovered or reconstructed. Which cloud service category poses the most challenges to data destruction or the cloud customer?

- A. Platform
- B. Software
- C. Infrastructure
- D. Desktop

Answer: B

NEW QUESTION 29

- (Exam Topic 1)

DAST checks software functionality in _____.
Response:

- A. The production environment
- B. A runtime state
- C. The cloud
- D. An IaaS configuration

Answer: B

NEW QUESTION 32

- (Exam Topic 1)

Which type of report is considered for “general” use and does not contain any sensitive information? Response:

- A. SOC 1
- B. SAS-70
- C. SOC 3
- D. SOC 2

Answer: C

NEW QUESTION 34

- (Exam Topic 1)

Which of the following are considered to be the building blocks of cloud computing? Response:

- A. Data, access control, virtualization, and services
- B. Storage, networking, printing and virtualization
- C. CPU, RAM, storage and networking
- D. Data, CPU, RAM, and access control

Answer: C

NEW QUESTION 37

- (Exam Topic 1)

The Cloud Security Alliance (CSA) publishes the Notorious Nine, a list of common threats to organizations participating in cloud computing. According to the CSA, what is one reason the threat of insecure interfaces and APIs is so prevalent in cloud computing?

Response:

- A. Most of the cloud customer's interaction with resources will be performed through APIs.
- B. APIs are inherently insecure.
- C. Attackers have already published vulnerabilities for all known APIs.
- D. APIs are known carcinogens.

Answer: A

NEW QUESTION 42

- (Exam Topic 1)

Using one cloud provider for your operational environment and another for your BCDR backup will also give you the additional benefit of _____.

Response:

- A. Allowing any custom VM builds you use to be instantly ported to another environment
- B. Avoiding vendor lock-in/lockout
- C. Increased performance
- D. Lower cost

Answer: B

NEW QUESTION 43

- (Exam Topic 1)

Which concept pertains to cloud customers paying only for the resources they use and consume, and only for the duration they are using them?

Response:

- A. Measured service
- B. Auto-scaling
- C. Portability
- D. Elasticity

Answer: A

NEW QUESTION 45

- (Exam Topic 1)

The Cloud Security Alliance (CSA) publishes the Notorious Nine, a list of common threats to organizations participating in cloud computing.

According to the CSA, an organization that suffers a data breach might suffer all of the following negative effects except _____.

Response:

- A. Cost of compliance with notification laws
- B. Loss of public perception/goodwill
- C. Loss of market share
- D. Cost of detection

Answer: D

NEW QUESTION 48

- (Exam Topic 1)

Which ISO standard refers to addressing security risks in a supply chain?

- A. ISO 27001
- B. ISO/IEC 28000:2007
- C. ISO 18799
- D. ISO 31000:2009

Answer: B

NEW QUESTION 53

- (Exam Topic 1)

What is the primary security mechanism used to protect SOAP and REST APIs? Response:

- A. Firewalls
- B. XML firewalls
- C. Encryption
- D. WAFs

Answer: C

NEW QUESTION 54

- (Exam Topic 1)

Which of the following is not an enforceable governmental request? Response:

- A. Warrant
- B. Subpoena
- C. Court order
- D. Affidavit

Answer: D

NEW QUESTION 55

- (Exam Topic 1)

Impact resulting from risk being realized is often measured in terms of _____.

- A. Amount of data lost
- B. Money
- C. Amount of property lost
- D. Number of people affected

Answer: B

NEW QUESTION 59

- (Exam Topic 1)

Which of the following best describes a cloud carrier?

- A. A person or entity responsible for making a cloud service available to consumers
- B. The intermediary who provides connectivity and transport of cloud services between cloud providers and cloud consumers
- C. The person or entity responsible for keeping cloud services running for customers
- D. The person or entity responsible for transporting data across the Internet

Answer: B

NEW QUESTION 64

- (Exam Topic 1)

Data labels could include all the following, except: Response:

- A. Confidentiality level
- B. Distribution limitations
- C. Access restrictions
- D. Multifactor authentication

Answer: D

NEW QUESTION 69

- (Exam Topic 1)

_____ is the most prevalent protocol used in identity federation.

- A. HTTP
- B. SAML
- C. FTP
- D. WS-Federation

Answer: B

NEW QUESTION 72

- (Exam Topic 2)

You are the security manager of a small firm that has just purchased a DLP solution to implement in your cloud-based production environment.

Which of these activities should you perform before deploying the tool? Response:

- A. Survey your company's departments about the data under their control
- B. Reconstruct your firewalls
- C. Harden all your routers
- D. Adjust the hypervisors

Answer: A

NEW QUESTION 77

- (Exam Topic 2)

A process for _____ can aid in protecting against data disclosure due to lost devices. Response:

- A. User punishment
- B. Credential revocation
- C. Law enforcement notification
- D. Device tracking

Answer: B

NEW QUESTION 80

- (Exam Topic 2)

Which of the following BCDR testing methodologies is least intrusive? Response:

- A. Walk-through
- B. Simulation

- C. Tabletop
- D. Full test

Answer: C

NEW QUESTION 84

- (Exam Topic 2)

In a Lightweight Directory Access Protocol (LDAP) environment, each entry in a directory server is identified by a _____.

Response:

- A. Domain name (DN)
- B. Distinguished name (DN)
- C. Directory name (DN)
- D. Default name (DN)

Answer: B

NEW QUESTION 89

- (Exam Topic 2)

Which cloud service category is MOST likely to use a client-side key management system? Response:

- A. IaaS
- B. SaaS
- C. PaaS
- D. DaaS

Answer: B

NEW QUESTION 94

- (Exam Topic 2)

The Cloud Security Alliance (CSA) Security, Trust, and Assurance Registry (STAR) program has _____ tiers.

Response:

- A. Two
- B. Three
- C. Four
- D. Eight

Answer: B

NEW QUESTION 96

- (Exam Topic 2)

Which of the following are not examples of personnel controls? Response:

- A. Background checks
- B. Reference checks
- C. Strict access control mechanisms
- D. Continuous security training

Answer: C

NEW QUESTION 101

- (Exam Topic 2)

Which of the following methods is often used to obscure data from production systems for use in test or development environments?

Response:

- A. Tokenization
- B. Encryption
- C. Masking
- D. Classification

Answer: C

NEW QUESTION 102

- (Exam Topic 2)

What is the risk to the organization posed by dashboards that display data discovery results? Response:

- A. Increased chance of external penetration
- B. Flawed management decisions based on massaged displays
- C. Higher likelihood of inadvertent disclosure
- D. Raised incidence of physical theft

Answer: B

NEW QUESTION 104

- (Exam Topic 2)

Administrative penalties for violating the General Data Protection Regulation (GDPR) can range up to _____.

Response:

- A. US\$100,000
- B. 500,000 euros
- C. 20,000,000 euros
- D. 1,000,000 euros

Answer: C

NEW QUESTION 106

- (Exam Topic 2)

An organization could have many reasons that are common throughout the industry to activate a BCDR situation. Which of the following is NOT a typical reason to activate a BCDR plan?

Response:

- A. Natural disaster
- B. Utility outage
- C. Staff loss
- D. Terrorist attack

Answer: C

NEW QUESTION 107

- (Exam Topic 2)

Although performing BCDR tests at regular intervals is a best practice to ensure processes and documentation are still relevant and efficient, which of the following represents a reason to conduct a BCDR review outside of the regular interval?

Response:

- A. Staff changes
- B. Application changes
- C. Regulatory changes
- D. Management changes

Answer: B

NEW QUESTION 110

- (Exam Topic 2)

Before deploying a specific brand of virtualization toolset, it is important to configure it according to _____.

Response:

- A. Industry standards
- B. Prevailing law of that jurisdiction
- C. Vendor guidance
- D. Expert opinion

Answer: C

NEW QUESTION 112

- (Exam Topic 2)

Why does the physical location of your data backup and/or BCDR failover environment matter? Response:

- A. It may affect regulatory compliance
- B. Lack of physical security
- C. Environmental factors such as humidity
- D. It doesn't matte
- E. Data can be saved anywhere without consequence

Answer: A

NEW QUESTION 114

- (Exam Topic 2)

All of the following are activities that should be performed when capturing and maintaining an accurate, secure system baseline, except _____.

Response:

- A. Audit the baseline to ensure that all configuration items have been included and applied correctly
- B. Impose the baseline throughout the environment
- C. Capture an image of the baseline system for future reference/versioning/rollback purposes
- D. Document all baseline configuration elements and versioning data

Answer: B

NEW QUESTION 115

- (Exam Topic 2)

Halon is now illegal to use for data center fire suppression. What is the reason it was outlawed? Response:

- A. It poses a threat to health and human safety when deployed.
- B. It can harm the environment.
- C. It does not adequately suppress fires.
- D. It causes undue damage to electronic systems.

Answer: B

NEW QUESTION 120

- (Exam Topic 2)

What are the phases of a software development lifecycle process model? Response:

- A. Planning and requirements analysis, define, design, develop, testing, and maintenance
- B. Define, planning and requirements analysis, design, develop, testing, and maintenance
- C. Planning and requirements analysis, define, design, testing, develop, and maintenance
- D. Planning and requirements analysis, design, define, develop, testing, and maintenance

Answer: A

NEW QUESTION 121

- (Exam Topic 2)

What aspect of data center planning occurs first? Response:

- A. Logical design
- B. Physical design
- C. Audit
- D. Policy revision

Answer: B

NEW QUESTION 122

- (Exam Topic 2) What are SOCI/SOCII/SOCIII? Response:

- A. Risk management frameworks
- B. Access controls
- C. Audit reports
- D. Software development phases

Answer: C

NEW QUESTION 125

- (Exam Topic 2) What is a key component of GLBA? Response:

- A. The right to be forgotten
- B. EU Data Directives
- C. The information security program
- D. The right to audit

Answer: C

NEW QUESTION 130

- (Exam Topic 2)

All of the following might be used as data discovery characteristics in a content-analysis-based data discovery effort except _____. Response:

- A. Keywords
- B. Pattern-matching
- C. Frequency
- D. Inheritance

Answer: D

NEW QUESTION 133

- (Exam Topic 2)

Federation should be _____ to the users. Response:

- A. Hostile
- B. Proportional
- C. Transparent
- D. Expensive

Answer: C

NEW QUESTION 135

- (Exam Topic 2)

A denial of service (DoS) attack can potentially impact all customers within a cloud environment with the continued allocation of additional resources. Which of the following can be useful for a customer to protect themselves from a DoS attack against another customer?

Response:

- A. Limits
- B. Reservations
- C. Shares
- D. Borrows

Answer: B

NEW QUESTION 136

- (Exam Topic 2)

What is a cloud storage architecture that manages the data in caches of copied content close to locations of high demand?

Response:

- A. Object-based storage
- B. File-based storage
- C. Database
- D. CDN

Answer: D

NEW QUESTION 140

- (Exam Topic 2)

You are the security policy lead for your organization, which is considering migrating from your on-premises, legacy environment into the cloud. You are reviewing the Cloud Security Alliance Cloud Controls Matrix (CSA CCM) as a tool for your organization.

What is probably the best benefit offered by the CCM? Response:

- A. The low cost of the tool
- B. Allowing your organization to leverage existing controls across multiple frameworks so as not to duplicate effort
- C. Simplicity of control selection from the list of approved choices
- D. Ease of implementation by choosing controls from the list of qualified vendors

Answer: B

NEW QUESTION 143

- (Exam Topic 2)

Which of the following is a method for apportioning resources that involves prioritizing resource requests to resolve contention situations?

Response:

- A. Reservations
- B. Shares
- C. Cancellations
- D. Limits

Answer: B

NEW QUESTION 146

- (Exam Topic 2)

An audit against the _____ will demonstrate that an organization has inadequate security controls to meet its ISO 27001 requirements.

Response:

- A. SAS 70 standard
- B. SSAE 16 standard
- C. ISO 27002 certification criteria
- D. NIST SP 800-53

Answer: C

NEW QUESTION 150

- (Exam Topic 2)

Which of the following involves assigning an opaque value to sensitive data fields to protect confidentiality? Response:

- A. Obfuscation
- B. Masking
- C. Tokenization
- D. Anonymization

Answer: C

NEW QUESTION 152

- (Exam Topic 3)

Why might an organization choose to comply with the ISO 27001 standard?

Response:

- A. Price
- B. Ease of implementation
- C. International acceptance
- D. Speed

Answer: C

NEW QUESTION 154

- (Exam Topic 3)

Federation allows _____ across organizations.

Response:

- A. Role replication
- B. Encryption
- C. Policy
- D. Access

Answer: D

NEW QUESTION 157

- (Exam Topic 3)

Typically, SSDs are _____.

Response:

- A. More expensive than spinning platters
- B. Larger than tape backup
- C. Heavier than tape libraries
- D. More subject to malware than legacy drives

Answer: A

NEW QUESTION 161

- (Exam Topic 3)

Which of the following is an example of useful and sufficient data masking of the string “CCSP”? Response:

- A. XCSP
- B. PSCC
- C. TtLp
- D. 3X91

Answer: C

NEW QUESTION 164

- (Exam Topic 3)

A truly airgapped machine selector will _____.

Response:

- A. Terminate a connection before creating a new connection
- B. Be made of composites and not metal
- C. Have total Faraday properties
- D. Not be portable

Answer: A

NEW QUESTION 167

- (Exam Topic 3)

All of these are reasons an organization may want to consider cloud migration except: Response:

- A. Reduced personnel costs
- B. Elimination of risks
- C. Reduced operational expenses
- D. Increased efficiency

Answer: B

NEW QUESTION 168

- (Exam Topic 3)

Which of the following is not included in the OWASP Top Ten web application security threats? Response:

- A. Injection
- B. Cross-site scripting
- C. Internal theft
- D. Sensitive data exposure

Answer: C

NEW QUESTION 173

- (Exam Topic 3)

Dynamic application security testing (DAST) is usually considered a _____ form of testing. Response:

White-box

- A. Parched field
- B. Black-box
- C. Gray-box
- D. Parched field

Answer: B

NEW QUESTION 175

- (Exam Topic 3)

Anonymization is the process of removing from data sets. Response:

- A. Access
- B. Cryptographic keys
- C. Numeric values
- D. Identifying information

Answer: D

NEW QUESTION 178

- (Exam Topic 3)

Which type of web application monitoring most closely measures actual activity? Response:

- A. Synthetic performance monitoring
- B. Real-user monitoring (RUM)
- C. Security information and event management (SIEM)
- D. Database application monitor (DAM)

Answer: B

NEW QUESTION 179

- (Exam Topic 3)

Web application firewalls (WAFs) are designed primarily to protect applications from common attacks like: Response:

- A. Syn floods
- B. Ransomware
- C. XSS and SQL injection
- D. Password cracking

Answer: C

NEW QUESTION 184

- (Exam Topic 3)

There are two reasons to conduct a test of the organization's recovery from backup in an environment other than the primary production environment. Which of the following is one of them? Response:

- A. It is good to invest in more than one community.
- B. You want to approximate contingency conditions, which includes not operating in the primary location.
- C. It is good for your personnel to see other places occasionally.
- D. Your regulators won't follow you offsite, so you'll be unobserved during your test.

Answer: B

NEW QUESTION 188

- (Exam Topic 3)

Your company operates in a highly competitive market, with extremely high-value data assets. Senior management wants to migrate to a cloud environment but is concerned that providers will not meet the company's security needs.

Which deployment model would probably best suit the company's needs? Response:

- A. Public
- B. Private
- C. Community
- D. Hybrid

Answer: B

NEW QUESTION 192

- (Exam Topic 3)

An audit against the _____ will demonstrate that an organization has a holistic, comprehensive security program. Response:

- A. SAS 70 standard
- B. SSAE 16 standard

- C. SOC 2, Type 2 report matrix
- D. ISO 27001 certification requirements

Answer: D

NEW QUESTION 197

- (Exam Topic 3) Who operates the management plane? Response:

- A. Regulators
- B. End consumers
- C. Privileged users
- D. Privacy data subjects

Answer: C

NEW QUESTION 201

- (Exam Topic 3)

Which kind of SSAE audit reviews controls dealing with the organization's controls for assuring the confidentiality, integrity, and availability of data? Response:

- A. SOC 1
- B. SOC 2
- C. SOC 3
- D. SOC 4

Answer: B

NEW QUESTION 205

- (Exam Topic 3)

_____ is perhaps the main external factor driving IAM efforts. Response:

- A. Regulation
- B. Business need
- C. The evolving threat landscape
- D. Monetary value

Answer: A

NEW QUESTION 207

- (Exam Topic 3)

What is one of the benefits of implementing an egress monitoring solution? Response:

- A. Preventing DDoS attacks
- B. Inventorying data assets
- C. Interviewing data owners
- D. Protecting against natural disasters

Answer: B

NEW QUESTION 209

- (Exam Topic 3)

It is important to include _____ in the design of underfloor plenums if they are also used for wiring. Response:

- A. Mantraps
- B. Sequestered channels
- C. Heat sinks
- D. Tight gaskets

Answer: D

NEW QUESTION 210

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