

CCSP Dumps

Certified Cloud Security Professional

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NEW QUESTION 1

- (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 2

- (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 3

- (Exam Topic 1)

Which cloud storage type uses an opaque value or descriptor to categorize and organize data? Response:

- A. Volume
- B. Object
- C. Structured
- D. Unstructured

Answer: D

NEW QUESTION 4

- (Exam Topic 1)

You have been tasked with creating an audit scope statement and are making your project outline. Which of the following is NOT typically included in an audit scope statement?

- A. Statement of purpose
- B. Deliverables
- C. Classification
- D. Costs

Answer: D

NEW QUESTION 5

- (Exam Topic 1)

You are in charge of creating the BCDR plan and procedures for your organization. Your organization has its production environment hosted by a cloud provider, and you have appropriate protections in place.

Which of the following is a significant consideration for your BCDR backup? Response:

- A. Enough personnel at the BCDR recovery site to ensure proper operations
- B. Good cryptographic key management
- C. Access to the servers where the BCDR backup is stored
- D. Forensic analysis capabilities

Answer: B

NEW QUESTION 6

- (Exam Topic 1)

Which of the following are contractual components that the CSP should review and understand fully when contracting with a cloud service provider? (Choose two.)

- A. Concurrently maintainable site infrastructure
- B. Use of subcontractors
- C. Redundant site infrastructure capacity components
- D. Scope of processing

Answer: BD

NEW QUESTION 7

- (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 8

- (Exam Topic 1)

The Transport Layer Security (TLS) protocol creates a secure communications channel over public media (such as the Internet). In a typical TLS session, who initiates the protocol?

Response:

- A. The server
- B. The client
- C. The certifying authority
- D. The ISP

Answer: B

NEW QUESTION 9

- (Exam Topic 1)

_____ is the legal concept whereby a cloud customer is held to a reasonable expectation for providing security of its users' and clients' privacy data in their control.

Response:

- A. Due care
- B. Due diligence
- C. Liability
- D. Reciprocity

Answer: B

NEW QUESTION 10

- (Exam Topic 1)

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

What should you not expect the tool to address? Response:

- A. Sensitive data sent inadvertently in user emails
- B. Sensitive data captured by screen shots
- C. Sensitive data moved to external devices
- D. Sensitive data in the contents of files sent via FTP

Answer: B

NEW QUESTION 10

- (Exam Topic 1)

The cloud deployment model that features joint ownership of assets among an affinity group is known as: Response:

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

Answer: D

NEW QUESTION 15

- (Exam Topic 1)

Which of the following is a method for apportioning resources that involves setting guaranteed minimums for all tenants/customers within the environment?

Response:

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

Answer: A

NEW QUESTION 17

- (Exam Topic 1)

Which of the following is considered an administrative control?

- A. Access control process
- B. Keystroke logging

- C. Door locks
- D. Biometric authentication

Answer: A

NEW QUESTION 21

- (Exam Topic 1)

Which of the following storage types are used with an Infrastructure as a Service (IaaS) solution? Response:

- A. Volume and block
- B. Structured and object
- C. Unstructured and ephemeral
- D. Volume and object

Answer: D

NEW QUESTION 26

- (Exam Topic 1)

Different types of cloud deployment models use different types of storage from traditional data centers, along with many new types of software platforms for deploying applications and configurations. Which of the following is NOT a storage type used within a cloud environment?

- A. Docker
- B. Object
- C. Structured
- D. Volume

Answer: A

NEW QUESTION 29

- (Exam Topic 1)

Which of the following is the recommended operating range for temperature and humidity in a data center? Response:

- A. Between 62 °F - 81 °F and 40% and 65% relative humidity
- B. Between 64 °F - 81 °F and 40% and 60% relative humidity
- C. Between 64 °F - 84 °F and 30% and 60% relative humidity
- D. Between 60 °F - 85 °F and 40% and 60% relative humidity

Answer: B

NEW QUESTION 32

- (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 35

- (Exam Topic 1)

TLS uses _____ to authenticate a connection and create a shared secret for the duration of the session.

- A. SAML 2.0
- B. X.509 certificates
- C. 802.11X
- D. The Diffie-Hellman process

Answer: B

NEW QUESTION 38

- (Exam Topic 1)

Which of the following is a possible negative aspect of bit-splitting?

- A. Greater chance of physical theft of assets
- B. Loss of public image
- C. Some risk to availability, depending on the implementation
- D. A small fire hazard

Answer: C

NEW QUESTION 39

- (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 44

- (Exam Topic 1)

Which of the following data sanitation methods would be the MOST effective if you needed to securely remove data as quickly as possible in a cloud environment? Response:

- A. Zeroing
- B. Cryptographic erasure
- C. Overwriting
- D. Degaussing

Answer: B

NEW QUESTION 46

- (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 49

- (Exam Topic 1)

When a data center is configured such that the backs of the devices face each other and the ambient temperature in the work area is cool, it is called _____. Response:

- A. Hot aisle containment
- B. Cold aisle containment
- C. Thermo-optimized
- D. HVAC modulated

Answer: A

NEW QUESTION 50

- (Exam Topic 1)

A honeypot can be used for all the following purposes except _____. Response:

- A. Gathering threat intelligence
- B. Luring attackers
- C. Distracting attackers
- D. Delaying attackers

Answer: B

NEW QUESTION 52

- (Exam Topic 1)

Which security certification serves as a general framework that can be applied to any type of system or application?

- A. ISO/IEC 27001
- B. PCI DSS
- C. FIPS 140-2
- D. NIST SP 800-53

Answer: A

NEW QUESTION 55

- (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 60

- (Exam Topic 1)

The Open Web Application Security Project (OWASP) Top Ten is a list of web application security threats that is composed by a member-driven OWASP committee of application development experts and published approximately every 24 months. The 2013 OWASP Top Ten list includes “sensitive data exposure.” Which of these is a technique to reduce the potential for a sensitive data exposure? Response:

- A. Extensive user training on proper data handling techniques
- B. Advanced firewalls inspecting all inbound traffic, to include content-based screening
- C. Ensuring the use of utility backup power supplies
- D. Roving security guards

Answer: A

NEW QUESTION 61

- (Exam Topic 1) What does nonrepudiation mean? Response:

- A. Prohibiting certain parties from a private conversation
- B. Ensuring that a transaction is completed before saving the results
- C. Ensuring that someone cannot turn off auditing capabilities while performing a function
- D. Preventing any party that participates in a transaction from claiming that it did not

Answer: D

NEW QUESTION 63

- (Exam Topic 1)

The physical layout of a cloud data center campus should include redundancies of all the following except _____. Response:

- A. Generators
- B. HVAC units
- C. Generator fuel storage
- D. Points of personnel ingress

Answer: D

NEW QUESTION 64

- (Exam Topic 1)

Log data should be protected _____. Response:

- A. One level below the sensitivity level of the systems from which it was collected
- B. At least at the same sensitivity level as the systems from which it was collected
- C. With encryption in transit, at rest, and in use
- D. According to NIST guidelines

Answer: B

NEW QUESTION 67

- (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 71

- (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 73

- (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 77

- (Exam Topic 1)

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 79

- (Exam Topic 1)

What is the amount of fuel that should be on hand to power generators for backup datacenter power, in all tiers, according to the Uptime Institute?

- A. 1
- B. 1,000 gallons
- C. 12 hours
- D. As much as needed to ensure all systems may be gracefully shut down and data securely stored

Answer: C

NEW QUESTION 80

- (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 84

- (Exam Topic 1)

Who is the entity identified by personal data? Response:

- A. The data owner
- B. The data processor
- C. The data custodian
- D. The data subject

Answer: D

NEW QUESTION 88

- (Exam Topic 1)

Which cloud service category offers the most customization options and control to the cloud customer?

Response:

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

Answer: B

NEW QUESTION 91

- (Exam Topic 1)

Which of the following management risks can make an organization's cloud environment unviable? Response:

- A. Insider trading
- B. VM sprawl
- C. Hostile takeover
- D. Improper personnel selection

Answer: B

NEW QUESTION 95

- (Exam Topic 1)

Which of the following is not a reason for conducting audits?

- A. Regulatory compliance
- B. User satisfaction
- C. Determination of service quality
- D. Security assurance

Answer: B

NEW QUESTION 100

- (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, all of the following activity can result in data loss except _____. .

- A. Misplaced crypto keys
- B. Improper policy
- C. Ineffectual backup procedures
- D. Accidental overwrite

Answer: B

NEW QUESTION 105

- (Exam Topic 1)

The use of which of the following technologies will NOT require the security dependency of an operating system, other than its own?

- A. Management plane
- B. Type 1 hypervisor
- C. Type 2 hypervisor
- D. Virtual machine

Answer: B

NEW QUESTION 109

- (Exam Topic 1)

At which layer does the IPSec protocol operate to encrypt and protect communications between two parties? Response:

- A. Network
- B. Application
- C. Transport
- D. Data link

Answer: A

NEW QUESTION 113

- (Exam Topic 1)

The Transport Layer Security (TLS) protocol creates a secure communications channel over public media (such as the Internet). In a typical TLS session, what is the usual means for establishing trust between the parties?
Response:

- A. Out-of-band authentication
- B. Multifactor authentication
- C. PKI certificates
- D. Preexisting knowledge of each other

Answer: C

NEW QUESTION 114

- (Exam Topic 2)

Which of the following characteristics is associated with digital rights management (DRM) solutions (sometimes referred to as information rights management, or IRM)?
Response:

- A. Mapping to existing access control lists (ACLs)
- B. Delineating biometric catalogs
- C. Preventing multifactor authentication
- D. Prohibiting unauthorized transposition

Answer: A

NEW QUESTION 116

- (Exam Topic 2)

Which cloud service category brings with it the most expensive startup costs, but also the lowest costs for ongoing support and maintenance staff?
Response:

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

Answer: B

NEW QUESTION 117

- (Exam Topic 2)

Penetration testing is a(n) _____ form of security assessment.

Response:

- A. Active
- B. Comprehensive
- C. Total
- D. Inexpensive

Answer: A

NEW QUESTION 121

- (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 124

- (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 129

- (Exam Topic 2)

Which type of cloud service category would having a vendor-neutral encryption scheme for data at rest (DAR) be the MOST important?

Response:

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

Answer: B

NEW QUESTION 133

- (Exam Topic 2)

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 aspect of managed cloud services makes the threat of malicious insiders so alarming?

Response:

- A. Scalability
- B. Multitenancy
- C. Metered service
- D. Flexibility

Answer: B

NEW QUESTION 134

- (Exam Topic 2)

Which key storage solution would be the BEST choice in a situation where availability might be of a particular concern?

Response:

- A. Internal
- B. External

- C. Hosted
- D. Embedded

Answer: A

NEW QUESTION 137

- (Exam Topic 2)

The destruction of a cloud customer's data can be required by all of the following except _____.

Response:

- A. Statute
- B. Regulation
- C. The cloud provider's policy
- D. Contract

Answer: C

NEW QUESTION 141

- (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 146

- (Exam Topic 2)

The Cloud Security Alliance's (CSA's) Cloud Controls Matrix (CCM) addresses all the following security architecture elements except _____.

Response:

- A. Physical security
- B. IaaS
- C. Application security
- D. Business drivers

Answer: D

NEW QUESTION 151

- (Exam Topic 2)

In a cloud environment, encryption should be used for all the following, except: Response:

- A. Long-term storage of data
- B. Near-term storage of virtualized images
- C. Secure sessions/VPN
- D. Profile formatting

Answer: D

NEW QUESTION 154

- (Exam Topic 2)

Which of the following is not one of the types of controls? Response:

- A. Transitional
- B. Administrative
- C. Technical
- D. Physical

Answer: A

NEW QUESTION 157

- (Exam Topic 2)

Which type of threat is often used in conjunction with phishing attempts and is often viewed as greatly increasing the likeliness of success?

Response:

- A. Unvalidated redirects and forwards
- B. Cross-site request forgery
- C. Cross-site scripting
- D. Insecure direct object references

Answer: A

NEW QUESTION 161

- (Exam Topic 2)

Which of the following is NOT one of the cloud computing activities, as outlined in ISO/IEC 17789? Response:

- A. Cloud service provider
- B. Cloud service partner
- C. Cloud service administrator
- D. Cloud service customer

Answer: C

NEW QUESTION 164

- (Exam Topic 2)

Firewalls can detect attack traffic by using all these methods except _____.

Response:

- A. Known past behavior in the environment
- B. Identity of the malicious user
- C. Point of origination
- D. Signature matching

Answer: B

NEW QUESTION 169

- (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 170

- (Exam Topic 2)

SOC 2 reports were intended to be _____.

Response:

- A. Released to the public
- B. Only technical assessments
- C. Retained for internal use
- D. Nonbinding

Answer: C

NEW QUESTION 174

- (Exam Topic 2)

Tokenization requires at least _____ database(s).

Response:

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

Answer: B

NEW QUESTION 179

- (Exam Topic 2)

There are two general types of smoke detectors. Which type uses a small portion of radioactive material? Response:

- A. Photoelectric
- B. Ionization
- C. Electron pulse
- D. Integral field

Answer: B

NEW QUESTION 182

- (Exam Topic 2)

At which phase of the SDLC process should security begin participating? Response:

- A. Requirements gathering
- B. Requirements analysis
- C. Design
- D. Testing

Answer: A

NEW QUESTION 187

- (Exam Topic 2)

In the cloud motif, the data processor is usually: Response:

- A. The party that assigns access rights
- B. The cloud customer
- C. The cloud provider
- D. The cloud access security broker

Answer: C

NEW QUESTION 189

- (Exam Topic 2)

What are the four cloud deployment models? Response:

- A. Public, Internal, Hybrid, and Community
- B. External, Private, Hybrid, and Community
- C. Public, Private, Joint, and Community
- D. Public, Private, Hybrid, and Community

Answer: D

NEW QUESTION 191

- (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 196

- (Exam Topic 2)

Data transformation in a cloud environment should be of great concern to organizations considering cloud migration because _____ could affect data classification processes/implementations. Response:

- A. Multitenancy
- B. Virtualization
- C. Remote access
- D. Physical distance

Answer: B

NEW QUESTION 201

- (Exam Topic 2)

The Open Web Application Security Project (OWASP) Top Ten is a list of web application security threats that is composed by a member-driven OWASP committee of application development experts and published approximately every 24 months. The 2013 OWASP Top Ten list includes “using components with known vulnerabilities.”

Why would an organization ever use components with known vulnerabilities to create software? Response:

- A. The organization is insured.
- B. The particular vulnerabilities only exist in a context not being used by developers.
- C. Some vulnerabilities only exist in foreign countries.
- D. A component might have a hidden vulnerability.

Answer: B

NEW QUESTION 204

- (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 209

- (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 210

- (Exam Topic 2)

Which security certification serves as a general framework that can be applied to any type of system or application?

Response:

- A. ISO/IEC 27001
- B. PCI DSS
- C. FIPS 140-2
- D. NIST SP 800-53

Answer: A

NEW QUESTION 211

- (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 212

- (Exam Topic 2)

TLS provides _____ and _____ for communications. Response:

- A. Privacy, security
- B. Security, optimization
- C. Privacy, integrity
- D. Enhancement, privacy

Answer: C

NEW QUESTION 213

- (Exam Topic 2)

Which phase of the cloud data lifecycle also typically entails the process of data classification? Response:

- A. Use
- B. Store
- C. Create
- D. Archive

Answer: C

NEW QUESTION 217

- (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 219

- (Exam Topic 2)

Which of the following is a possible negative aspect of bit-splitting? Response:

- A. It may require trust in additional third parties beyond the primary cloud service provider.
- B. There may be cause for management concern that the technology will violate internal policy.
- C. Users will have far greater difficulty understanding the implementation.
- D. Limited vendors make acquisition and support challenging.

Answer: A

NEW QUESTION 223

- (Exam Topic 2)

Federation should be _____ to the users.

Response:

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

Answer: C

NEW QUESTION 225

- (Exam Topic 2)

When designing a cloud data center, which of the following aspects is not necessary to ensure continuity of operations during contingency operations?

Response:

- A. Access to clean water
- B. Broadband data connection
- C. Extended battery backup
- D. Physical access to the data center

Answer: C

NEW QUESTION 228

- (Exam Topic 2)

Which type of testing tends to produce the best and most comprehensive results for discovering system vulnerabilities?

Response:

- A. Static
- B. Dynamic
- C. Pen
- D. Vulnerability

Answer: A

NEW QUESTION 233

- (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 234

- (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 239

- (Exam Topic 2)

DLP solutions typically involve all of the following aspects except _____.

Response:

- A. Data discovery
- B. Tokenization
- C. Monitoring
- D. Enforcement

Answer: B

NEW QUESTION 242

- (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 244

- (Exam Topic 2)

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

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

Answer: C

NEW QUESTION 247

- (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 251

- (Exam Topic 2)

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 256

- (Exam Topic 2)

You are the IT director for a small contracting firm. Your company is considering migrating to a cloud production environment.

Which service model would best fit your needs if you wanted an option that reduced the chance of vendor lock-in but also did not require the highest degree of administration by your own personnel?

Response:

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

Answer: B

NEW QUESTION 261

- (Exam Topic 2)

Which of the following is NOT a common component of a DLP implementation process? Response:

- A. Discovery
- B. Monitoring
- C. Revision
- D. Enforcement

Answer: C

NEW QUESTION 265

- (Exam Topic 3)

Federation allows _____ across organizations.

Response:

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

Answer: D

NEW QUESTION 266

- (Exam Topic 3)

You work for a company that operates a production environment in the cloud. Another company using the same cloud provider is under investigation by law enforcement for racketeering.

Your company should be concerned about this because of the cloud characteristic of . Response:

- A. Virtualization
- B. Pooled resources
- C. Elasticity
- D. Automated self-service

Answer: B

NEW QUESTION 269

- (Exam Topic 3)

In attempting to provide a layered defense, the security practitioner should convince senior management to include security controls of which type?

Response:

- A. Technological
- B. Physical
- C. Administrative
- D. All of the above

Answer: D

NEW QUESTION 273

- (Exam Topic 3)

The nature of cloud computing and how it operates make complying with data discovery and disclosure orders more difficult. Which of the following concepts provides the biggest challenge in regard to data collection, pursuant to a legal order?

Response:

- A. Portability
- B. Multitenancy
- C. Reversibility
- D. Auto-scaling

Answer: B

NEW QUESTION 275

- (Exam Topic 3)

Which of the following methods for the safe disposal of electronic records can always be used in a cloud environment? Response:

- A. Physical destruction
- B. Encryption
- C. Overwriting
- D. Degaussing

Answer: B

NEW QUESTION 279

- (Exam Topic 3)

The Brewer-Nash security model is also known as which of the following? Response:

- A. MAC
- B. The Chinese Wall model
- C. Preventive measures
- D. RBAC

Answer: B

NEW QUESTION 283

- (Exam Topic 3)

Access should be based on _____.

Response:

- A. Regulatory mandates
- B. Business needs and acceptable risk
- C. User requirements and management requests
- D. Optimum performance and security provision

Answer: B

NEW QUESTION 284

- (Exam Topic 3)

Digital rights management (DRM) solutions (sometimes referred to as information rights management, or IRM) often protect unauthorized distribution of what type

of intellectual property?

Response:

- A. Patents
- B. Trademarks
- C. Personally identifiable information (PII)
- D. Copyright

Answer: D

NEW QUESTION 288

- (Exam Topic 3)

If bit-splitting is used to store data sets across multiple jurisdictions, how may this enhance security? Response:

- A. By making seizure of data by law enforcement more difficult
- B. By hiding it from attackers in a specific jurisdiction
- C. By ensuring that users can only accidentally disclose data to one geographic area
- D. By restricting privilege user access

Answer: A

NEW QUESTION 289

- (Exam Topic 3)

What is the main reason virtualization is used in the cloud? Response:

- A. VMs are easier to administer
- B. If a VM is infected with malware, it can be easily replaced
- C. With VMs, the cloud provider does not have to deploy an entire hardware device for every new user
- D. VMs are easier to operate than actual devices

Answer: C

NEW QUESTION 293

- (Exam Topic 3)

Although indirect identifiers cannot alone point to an individual, the more of them known can lead to a specific identity. Which strategy can be used to avoid such a connection being made?

Response:

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

Answer: B

NEW QUESTION 296

- (Exam Topic 3)

Which of the following threats from the OWASP Top Ten is the most difficult for an organization to protect against?

Response:

- A. Advanced persistent threats
- B. Account hijacking
- C. Malicious insiders
- D. Denial of service

Answer: C

NEW QUESTION 297

- (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 300

- (Exam Topic 3)

Digital rights management (DRM) tools can be combined with _____, to enhance security capabilities. Response:

- A. Roaming identity services (RIS)
- B. Egress monitoring solutions (DLP)
- C. Internal hardware settings (BIOS)
- D. Remote Authentication Dial-In User Service (RADIUS)

Answer: B

NEW QUESTION 301

- (Exam Topic 3)

Which of the following data-sanitation approaches are always available within a cloud environment? Response:

- A. Physical destruction
- B. Shredding
- C. Overwriting
- D. Cryptographic erasure

Answer: D

NEW QUESTION 305

- (Exam Topic 3)

A loosely coupled storage cluster will have performance and capacity limitations based on the _____. Response:

- A. Physical backplane connecting it
- B. Total number of nodes in the cluster
- C. Amount of usage demanded
- D. The performance and capacity in each node

Answer: D

NEW QUESTION 307

- (Exam Topic 3)

What type of redundancy can we expect to find in a datacenter of any tier? Response:

- A. All operational components
- B. All infrastructure
- C. Emergency egress
- D. Full power capabilities

Answer: C

NEW QUESTION 309

- (Exam Topic 3)

DLP solutions can aid all of the following security-related efforts except _____. Response:

- A. Access control
- B. Egress monitoring
- C. e-discovery/forensics
- D. Data categorization/classification

Answer: A

NEW QUESTION 311

- (Exam Topic 3)

With data in transit, which of the following will be the MOST major concern in order for a DLP solution to properly work? Response:

- A. Scalability
- B. Encryption
- C. Redundancy
- D. Integrity

Answer: B

NEW QUESTION 316

- (Exam Topic 3)

Which theoretical technology would allow superposition of physical states to increase both computing capacity and encryption keyspace? Response:

- A. All-or-nothing-transform with Reed-Solomon (AONT-RS)
- B. Quantum computing
- C. Filigree investment
- D. Sharding

Answer: B

NEW QUESTION 317

- (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 320

- (Exam Topic 3)

The Open Web Application Security Project (OWASP) Top Ten is a list of web application security threats that is composed by a member-driven OWASP committee of application development experts and published approximately every 24 months. The 2013 OWASP Top Ten list includes “injection.” In most cases, what is the method for reducing the risk of an injection attack? Response:

- A. User training
- B. Hardening the OS
- C. Input validation/bounds checking
- D. Physical locks

Answer: C

NEW QUESTION 324

- (Exam Topic 3)

What aspect of a Type 2 hypervisor involves additional security concerns that are not relevant with a Type 1 hypervisor? Response:

- A. Reliance on a host operating system
- B. Auditing
- C. Proprietary software
- D. Programming languages

Answer: A

NEW QUESTION 329

- (Exam Topic 3)

What type of identity system allows trust and verifications between the authentication systems of multiple organizations? Response:

- A. Federated
- B. Collaborative
- C. Integrated
- D. Bidirectional

Answer: A

NEW QUESTION 334

- (Exam Topic 3)

It's important to maintain a current asset inventory list, including surveying your environment on a regular basis, in order to _____. Response:

- A. Prevent unknown, unpatched assets from being used as back doors to the environment
- B. Ensure that any lost devices are automatically entered into the acquisition system for repurchasing and replacement
- C. Maintain user morale by having their devices properly catalogued and annotated
- D. Ensure that billing for all devices is handled by the appropriate departments

Answer: A

NEW QUESTION 339

- (Exam Topic 3)

Tokenization requires two distinct _____. Response:

- A. Authentication factors
- B. Databases
- C. Encryption keys
- D. Personnel

Answer: B

NEW QUESTION 340

- (Exam Topic 3)

Which ISO/IEC standards set documents the cloud definitions for staffing and official roles? Response:

- A. ISO/IEC 27001
- B. ISO/IEC 17788
- C. ISO/IEC 17789

D. ISO/IEC 27040

Answer: B

NEW QUESTION 343

- (Exam Topic 3)

Which of the following types of software is a Type 2 hypervisor dependent on that a Type 1 hypervisor isn't? Response:

- A. VPN
- B. Firewall
- C. Operating system
- D. IDS

Answer: C

NEW QUESTION 345

- (Exam Topic 3)

Alice is the CEO for a software company; she is considering migrating the operation from the current on-premises legacy environment into the cloud.

In order to protect her company's intellectual property, Alice might want to consider implementing all these techniques/solutions except _____.

Response:

- A. Egress monitoring
- B. Encryption
- C. Turnstiles
- D. Digital watermarking

Answer: C

NEW QUESTION 348

- (Exam Topic 3)

In which of the following situations does the data owner have to administer the OS? Response:

- A. IaaS
- B. PaaS
- C. Offsite archive
- D. SaaS

Answer: A

NEW QUESTION 353

- (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 356

- (Exam Topic 3)

With cloud computing crossing many jurisdictional boundaries, it is a virtual certainty that conflicts will arise between differing regulations. What is the major impediment to resolving conflicts between multiple jurisdictions to form an overall policy?

Response:

- A. Language differences
- B. Technologies used
- C. Licensing issues
- D. Lack of international authority

Answer: D

NEW QUESTION 360

- (Exam Topic 3)

What is the term used to describe loss of access to data because the cloud provider has ceased operation? Response:

- A. Closing
- B. Vendor lock-out
- C. Vendor lock-in
- D. Masking

Answer: B

NEW QUESTION 365

- (Exam Topic 3)

The BIA can be used to provide information about all the following, except: Response:

- A. Risk analysis
- B. Secure acquisition
- C. BC/DR planning
- D. Selection of security controls

Answer: B

NEW QUESTION 366

- (Exam Topic 3)

In general, a cloud BCDR solution will be _____ than a physical solution. Response:

- A. Slower
- B. Less expensive
- C. Larger
- D. More difficult to engineer

Answer: B

NEW QUESTION 368

- (Exam Topic 3)

Which of the following is perhaps the best method for reducing the risk of a specific application not delivering the proper level of functionality and performance when it is moved from the legacy environment into the cloud?

Response:

- A. Remove the application from the organization's production environment, and replace it with something else.
- B. Negotiate and conduct a trial run in the cloud environment for that application before permanently migrating.
- C. Make sure the application is fully updated and patched according to all vendor specifications.
- D. Run the application in an emulator.

Answer: B

NEW QUESTION 369

- (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 371

- (Exam Topic 3)

Setting thermostat controls by measuring the temperature will result in the _____ highest energy costs. Response:

- A. Server inlet
- B. Return air
- C. Under-floor
- D. External ambient

Answer: B

NEW QUESTION 375

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