

Exam Questions CCSP

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)

All of the following are usually nonfunctional requirements except _____.

Response:

- A. Color
- B. Sound
- C. Security
- D. Function

Answer: D

NEW QUESTION 3

- (Exam Topic 1)

Which of the following is characterized by a set maximum capacity? Response:

- A. A secret-sharing-made-short (SSMS) bit-splitting implementation
- B. A tightly coupled cloud storage cluster
- C. A loosely coupled cloud storage cluster
- D. A public-key infrastructure

Answer: B

NEW QUESTION 4

- (Exam Topic 1)

The cloud deployment model that features organizational ownership of the hardware and infrastructure, and usage only by members of that organization, is known as:

Response:

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

Answer: A

NEW QUESTION 5

- (Exam Topic 1)

What is the federal agency that accepts applications for new patents?

- A. USDA
- B. USPTO
- C. OSHA
- D. SEC

Answer: B

NEW QUESTION 6

- (Exam Topic 1)

Which document will enforce uptime and availability requirements between the cloud customer and cloud provider?

Response:

- A. Contract
- B. Operational level agreement
- C. Service level agreement
- D. Regulation

Answer: C

NEW QUESTION 7

- (Exam Topic 1)

Which of the following is a file server that provides data access to multiple, heterogeneous machines/users on the network?

Response:

- A. Storage area network (SAN)
- B. Network-attached storage (NAS)
- C. Hardware security module (HSM)
- D. Content delivery network (CDN)

Answer: B

NEW QUESTION 8

- (Exam Topic 1)

Which of the following best describes data masking? Response:

- A. A method where the last few numbers in a dataset are not obscure
- B. These are often used for authentication.
- C. A method for creating similar but inauthentic datasets used for software testing and user training.
- D. A method used to protect prying eyes from data such as social security numbers and credit card data.
- E. Data masking involves stripping out all similar digits in a string of numbers so as to obscure the original number.

Answer: B

NEW QUESTION 9

- (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 10

- (Exam Topic 1)

When considering the option to migrate from an on-premises environment to a hosted cloud service, an organization should weigh the risks of allowing external entities to access the cloud data for collaborative purposes against _____.

Response:

- A. Not securing the data in the legacy environment
- B. Disclosing the data publicly
- C. Inviting external personnel into the legacy workspace in order to enhance collaboration
- D. Sending the data outside the legacy environment for collaborative purposes

Answer: D

NEW QUESTION 10

- (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 14

- (Exam Topic 1)

Which of the following tools might be useful in data discovery efforts that are based on content analysis?

- A. DLP
- B. Digital Rights Management (DRM)
- C. iSCSI
- D. Fibre Channel over Ethernet (FCoE)

Answer: A

NEW QUESTION 17

- (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 21

- (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 25

- (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 28

- (Exam Topic 1)

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 30

- (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 33

- (Exam Topic 1)

You are the security manager for a software development firm. Your company is interested in using a managed cloud service provider for hosting its testing environment. Management is interested in adopting an Agile development style.

This will be typified by which of the following traits? Response:

- A. Reliance on a concrete plan formulated during the Define phase
- B. Rigorous, repeated security testing
- C. Isolated programming experts for specific functional elements
- D. Short, iterative work periods

Answer: D

NEW QUESTION 35

- (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 40

- (Exam Topic 1)

One of the security challenges of operating in the cloud is that additional controls must be placed on file storage systems because _____ .

Response:

- A. File stores are always kept in plain text in the cloud
- B. There is no way to sanitize file storage space in the cloud
- C. Virtualization necessarily prevents the use of application-based security controls
- D. Virtual machines are stored as snapshotted files when not in use

Answer: D

NEW QUESTION 44

- (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 47

- (Exam Topic 1)

Which of the following top security threats involves attempting to send invalid commands to an application in an attempt to get the application to execute the code?

Response:

- A. Cross-site scripting
- B. Injection
- C. Insecure direct object references
- D. Cross-site request forgery

Answer: B

NEW QUESTION 50

- (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 52

- (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 53

- (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 58

- (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 60

- (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 63

- (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 64

- (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 65

- (Exam Topic 1)

Static software security testing typically uses _____ as a measure of how thorough the testing was. Response:

- A. Number of testers
- B. Flaws detected
- C. Code coverage
- D. Malware hits

Answer: C

NEW QUESTION 66

- (Exam Topic 1)

Heating, ventilation, and air conditioning (HVAC) systems cool the data center by pushing warm air into _____. Response:

- A. The server inlets
- B. Underfloor plenums
- C. HVAC intakes
- D. The outside world

Answer: D

NEW QUESTION 70

- (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 72

- (Exam Topic 1)

When using transparent encryption of a database, where does the encryption engine reside? Response:

- A. At the application using the database
- B. On the instance(s) attached to the volume
- C. In a key management system
- D. Within the database

Answer: D

NEW QUESTION 74

- (Exam Topic 1)

What are the six components that make up the STRIDE threat model? Response:

- A. Spoofing, Tampering, Repudiation, Information Disclosure, Denial of Service, and Elevation of Privilege
- B. Spoofing, Tampering, Non-Repudiation, Information Disclosure, Denial of Service, and Elevation of Privilege
- C. Spoofing, Tampering, Repudiation, Information Disclosure, Distributed Denial of Service, and Elevation of Privilege
- D. Spoofing, Tampering, Repudiation, Information Disclosure, Denial of Service, and Social Engineering

Answer: A

NEW QUESTION 79

- (Exam Topic 2)

Which SSAE 16 audit report is simply an attestation of audit results? Response:

- A. SOC 1
- B. SOC 2, Type 1
- C. SOC 2, Type 2
- D. SOC 3

Answer: D

NEW QUESTION 81

- (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 82

- (Exam Topic 2)

You are the data manager for a retail company; you anticipate a much higher volume of sales activity in the final quarter of each calendar year than the other quarters.

In order to handle these increased transactions, and to accommodate the temporary sales personnel you will hire for only that time period, you consider augmenting your internal, on-premises production environment with a cloud capability for a specific duration, and will return to operating fully on-premises after the period of increased activity.

This is an example of _____.

Response:

- A. Cloud framing
- B. Cloud enhancement
- C. Cloud fragility
- D. Cloud bursting

Answer: D

NEW QUESTION 83

- (Exam Topic 2)

You are the security director for a chain of automotive repair centers across several states. Your company uses a cloud SaaS provider, for business functions that cross several of the locations of your facilities, such as: 1) ordering parts 2) logistics and inventory 3) billing, and 4) marketing.

The manager at one of your newest locations reports that there is a competing car repair company that has a logo that looks almost exactly like the one your company uses. What will most likely affect the determination of who has ownership of the logo?

Response:

- A. Whoever first used the logo
- B. The jurisdiction where both businesses are using the logo simultaneously
- C. Whoever first applied for legal protection of the logo
- D. Whichever entity has the most customers that recognize the logo

Answer: C

NEW QUESTION 88

- (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 89

- (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. Persistence
- B. Influence
- C. Resistance
- D. Trepidation

Answer: A

NEW QUESTION 94

- (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 99

- (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 100

- (Exam Topic 2)

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

Response:

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

Answer: D

NEW QUESTION 103

- (Exam Topic 2)

A cloud data encryption situation where the cloud customer retains control of the encryption keys and the cloud provider only processes and stores the data could be considered a _____.

Response:

- A. Threat
- B. Risk
- C. Hybrid cloud deployment model
- D. Case of infringing on the rights of the provider

Answer: C

NEW QUESTION 108

- (Exam Topic 2)

You are a consultant performing an external security review on a large manufacturing firm. You determine that its newest assembly plant, which cost \$24 million, could be completely destroyed by a fire but that a fire suppression system could effectively protect the plant.

The fire suppression system costs \$15 million. An insurance policy that would cover the full replacement cost of the plant costs \$1 million per month.

In order to establish the true annualized loss expectancy (ALE), you would need all of the following information except _____.

Response:

- A. The amount of revenue generated by the plant

- B. The rate at which the plant generates revenue
- C. The length of time it would take to rebuild the plant
- D. The amount of product the plant creates

Answer: D

NEW QUESTION 112

- (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 117

- (Exam Topic 2)

Which of the following would probably best aid an organization in deciding whether to migrate from a legacy environment to a particular cloud provider?

Response:

- A. Rate sheets comparing a cloud provider to other cloud providers
- B. Cloud provider offers to provide engineering assistance during the migration
- C. The cost/benefit measure of closing the organization's relocation site (hot site/warm site) and using the cloud for disaster recovery instead
- D. SLA satisfaction surveys from other (current and past) cloud customers

Answer: D

NEW QUESTION 119

- (Exam Topic 2)

In application-level encryption, where does the encryption engine reside? Response:

- A. In the application accessing the database
- B. In the OS on which the application is run
- C. Within the database accessed by the application
- D. In the volume where the database resides

Answer: A

NEW QUESTION 122

- (Exam Topic 2)

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

Response:

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

Answer: D

NEW QUESTION 125

- (Exam Topic 2)

Which of the following is not typically included in the list of critical assets specified for continuity during BCDR contingency operations?

Response:

- A. Systems
- B. Data
- C. Cash
- D. Personnel

Answer: C

NEW QUESTION 127

- (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 129

- (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 131

- (Exam Topic 2)

What is a form of cloud storage where data is stored as objects, arranged in a hierarchal structure, like a file tree?

Response:

- A. Volume storage
- B. Databases
- C. Content delivery network (CDN)
- D. Object storage

Answer: D

NEW QUESTION 135

- (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 140

- (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 143

- (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 148

- (Exam Topic 2)

Which of the following is a risk associated with manual patching especially in the cloud?

Response:

- A. No notice before the impact is realized
- B. Lack of applicability to the environment
- C. Patches may or may not address the vulnerability they were designed to fix.
- D. The possibility for human error

Answer: D

NEW QUESTION 149

- (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 153

- (Exam Topic 2)

You are the security subject matter expert (SME) for an organization considering a transition from the legacy environment into a hosted cloud provider's data center.

One of the challenges you're facing is whether the provider will have undue control over your data once it is within the provider's data center; will the provider be able to hold your organization hostage because they have your data?

This is a(n) _____ issue. Response:

- A. Interoperability
- B. Portability
- C. Availability
- D. Security

Answer: B

NEW QUESTION 155

- (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 159

- (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 160

- (Exam Topic 2)

The Restatement (Second) Conflict of Law refers to which of the following? Response:

- A. The basis for deciding which laws are most appropriate in a situation where conflicting laws exist
- B. When judges restate the law in an opinion
- C. How jurisdictional disputes are settled
- D. Whether local or federal laws apply in a situation

Answer: A

NEW QUESTION 162

- (Exam Topic 2)

Which of the following in a federated environment is responsible for consuming authentication tokens? Response:

- A. Relying party
- B. Identity provider
- C. Cloud services broker
- D. Authentication provider

Answer: A

NEW QUESTION 164

- (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 169

- (Exam Topic 2)

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 171

- (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 173

- (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 177

- (Exam Topic 2)

When considering the option to migrate from an on-premises environment to a hosted cloud service, an organization should weigh the risks of allowing external entities to access the cloud data for collaborative purposes against _____.

Response:

- A. Not securing the data in the legacy environment
- B. Disclosing the data publicly
- C. Inviting external personnel into the legacy workspace in order to enhance collaboration
- D. Sending the data outside the legacy environment for collaborative purposes

Answer: D

NEW QUESTION 179

- (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 181

- (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 186

- (Exam Topic 3)

Which technology is most associated with tunneling? Response:

- A. IPSec
- B. GRE
- C. IaaS

D. XML

Answer: B

NEW QUESTION 188

- (Exam Topic 3)

Which network protocol is essential for allowing automation and orchestration within a cloud environment? Response:

- A. DNSSEC
- B. DHCP
- C. IPsec
- D. VLANs

Answer: B

NEW QUESTION 189

- (Exam Topic 3)

During the assessment phase of a risk evaluation, what are the two types of tests that are performed? Response:

- A. Internal and external
- B. Technical and managerial
- C. Physical and logical
- D. Qualitative and quantitative

Answer: D

NEW QUESTION 191

- (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 194

- (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 198

- (Exam Topic 3)

Proper _____ need to be assigned to each data classification/category. Response:

- A. Dollar values
- B. Metadata
- C. Security controls
- D. Policies

Answer: C

NEW QUESTION 203

- (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 “security misconfiguration.” Which of these is a technique to reduce the potential for a security misconfiguration? Response:

- A. Get regulatory approval for major configuration modifications.
- B. Update the BCDR plan on a timely basis.
- C. Train all users on proper security procedures.
- D. Perform periodic scans and audits of the environment.

Answer: D

NEW QUESTION 205

- (Exam Topic 3)

You are developing a new process for data discovery for your organization and are charged with ensuring that all applicable data is included. Which of the

following is NOT one of the three methods of data discovery?
Response:

- A. Metadata
- B. Content analysis
- C. Labels
- D. Classification

Answer: D

NEW QUESTION 210

- (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 211

- (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 215

- (Exam Topic 3)

When using an Infrastructure as a Service (IaaS) solution, what is the capability provided to the customer? Response:

- A. To provision processing, storage, networks, and other fundamental computing resources when the consumer is not able to deploy and run arbitrary software, which can include operating systems and applications.
- B. To provision processing, storage, networks, and other fundamental computing resources when the provider is able to deploy and run arbitrary software, which can include operating systems and applications.
- C. To provision processing, storage, networks, and other fundamental computing resources when the auditor is able to deploy and run arbitrary software, which can include operating systems and applications.
- D. To provision processing, storage, networks, and other fundamental computing resources when the consumer is able to deploy and run arbitrary software, which can include operating systems and applications.

Answer: D

NEW QUESTION 219

- (Exam Topic 3)

You are the security manager for a small retail business involved mainly in direct e-commerce transactions with individual customers (members of the public). The bulk of your market is in Asia, but you do fulfill orders globally.

Your company has its own data center located within its headquarters building in Hong Kong, but it also uses a public cloud environment for contingency backup and archiving purposes. Your company has decided to expand its business to include selling and monitoring life-support equipment for medical providers.

What characteristic do you need to ensure is offered by your cloud provider? Response:

- A. Full automation of security controls within the cloud data center
- B. Tier 4 of the Uptime Institute certifications
- C. Global remote access
- D. Prevention of ransomware infections

Answer: B

NEW QUESTION 224

- (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 226

- (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 227

- (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 232

- (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 233

- (Exam Topic 3)

Which of the following is not a security concern related to archiving data for long-term storage? Response:

- A. Long-term storage of the related cryptographic keys
- B. Format of the data
- C. Media the data resides on
- D. Underground depth of the storage facility

Answer: D

NEW QUESTION 237

- (Exam Topic 3)

A web application firewall (WAF) can understand and act on _____ traffic.

Response:

- A. Malicious
- B. SMTP
- C. ICMP
- D. HTTP

Answer: D

NEW QUESTION 240

- (Exam Topic 3)

In a data retention policy, what is perhaps the most crucial element? Response:

- A. Location of the data archive
- B. Frequency of backups
- C. Security controls in long-term storage
- D. Data recovery procedures

Answer: D

NEW QUESTION 244

- (Exam Topic 3)

You are the security manager for a small surgical center. Your organization is reviewing upgrade options for its current, on-premises data center. In order to best meet your needs, which one of the following options would you recommend to senior management?

Response:

- A. Building a completely new data center
- B. Leasing a data center that is currently owned by another firm
- C. Renting private cloud space in a Tier 2 data center

D. Staying with the current data center

Answer: A

NEW QUESTION 247

- (Exam Topic 3)

Your company has just been served with an eDiscovery order to collect event data and other pertinent information from your application during a specific period of time, to be used as potential evidence for a court proceeding.

Which of the following, apart from ensuring that you collect all pertinent data, would be the MOST important consideration?

Response:

- A. Encryption
- B. Chain of custody
- C. Compression
- D. Confidentiality

Answer: B

NEW QUESTION 248

- (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 250

- (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 251

- (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 256

- (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 259

- (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 262

- (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 266

- (Exam Topic 3)

Software-defined networking (SDN) is intended to separate different network capabilities and allow for the granting of granular configurations, permissions, and features to non-network staff or customers. Which network capability is separated from forwarding of traffic?

Response:

- A. Routing
- B. Firewalling
- C. Filtering
- D. IPS

Answer: C

NEW QUESTION 270

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