

ISC2

Exam Questions CCSP

Certified Cloud Security Professional



NEW QUESTION 1

- (Exam Topic 1)

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

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

Answer: C

NEW QUESTION 2

- (Exam Topic 1) What can tokenization be used for? Response:

- A. Encryption
- B. Compliance with PCI DSS
- C. Enhancing the user experience
- D. Giving management oversight to e-commerce functions

Answer: B

NEW QUESTION 3

- (Exam Topic 1)

DLP can be combined with what other security technology to enhance data controls? Response:

- A. DRM
- B. SIEM
- C. Kerberos
- D. Hypervisors

Answer: A

NEW QUESTION 4

- (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 5

- (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.

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 6

- (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 7

- (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 8

- (Exam Topic 1)

Which of the following best describes SAML? Response:

- A. A standard for developing secure application management logistics
- B. A standard for exchanging authentication and authorization data between security domains
- C. A standard for exchanging usernames and passwords across devices
- D. A standard used for directory synchronization

Answer: B

NEW QUESTION 9

- (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 10

- (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 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 15

- (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 18

- (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 23

- (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. In order to get truly holistic coverage of your environment, you should be sure to include _____ as a step in the deployment process.

Response:

- A. Getting signed user agreements from all users
- B. Installation of the solution on all assets in the cloud data center
- C. Adoption of the tool in all routers between your users and the cloud provider
- D. All of your customers to install the tool

Answer: A

NEW QUESTION 26

- (Exam Topic 1)

You work for a government research facility. Your organization often shares data with other government research organizations.

You would like to create a single sign-on experience across the organizations, where users at each organization can sign in with the user ID/authentication issued by that organization, then access research data in all the other organizations.

Instead of replicating the data stores of each organization at every other organization (which is one way of accomplishing this goal), you instead want every user to have access to each organization's specific storage resources.

If you don't use cross-certification, what other model can you implement for this purpose? Response:

- A. Third-party identity broker
- B. Cloud reseller
- C. Intractable nuanced variance
- D. Mandatory access control (MAC)

Answer: A

NEW QUESTION 31

- (Exam Topic 1)

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

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

Answer: A

NEW QUESTION 35

- (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 36

- (Exam Topic 1)

Because PaaS implementations are so often used for software development, what is one of the vulnerabilities that should always be kept in mind?

Response:

- A. Malware
- B. Loss/theft of portable devices
- C. Backdoors
- D. DoS/DDoS

Answer: C

NEW QUESTION 37

- (Exam Topic 1)

Every cloud service provider that opts to join the CSA STAR program registry must complete a _____.

- A. SOC 2, Type 2 audit report
- B. Consensus Assessment Initiative Questionnaire (CAIQ)
- C. NIST 800-37 RMF audit
- D. ISO 27001 ISMS review

Answer: B

NEW QUESTION 40

- (Exam Topic 1)

What sort of legal enforcement may the Payment Card Industry (PCI) Security Standards Council not bring to bear against organizations that fail to comply with the

Payment Card Industry Data Security Standard (PCI DSS)?
Response:

- A. Fines
- B. Jail time
- C. Suspension of credit card processing privileges
- D. Subject to increased audit frequency and scope

Answer: B

NEW QUESTION 44

- (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 45

- (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 48

- (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 53

- (Exam Topic 1)

Each of the following are dependencies that must be considered when reviewing the BIA after cloud migration except:

Response:

- A. The cloud provider's suppliers
- B. The cloud provider's vendors
- C. The cloud provider's utilities
- D. The cloud provider's resellers

Answer: D

NEW QUESTION 54

- (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 55

- (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 59

- (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 61

- (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 63

- (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 68

- (Exam Topic 1)

A honeypot should contain data _____.
Response:

- A. Raw
- B. Production
- C. Useless
- D. Sensitive

Answer: C

NEW QUESTION 73

- (Exam Topic 1)

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

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

Answer: B

NEW QUESTION 75

- (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 _____.
Response:

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

Answer: B

NEW QUESTION 80

- (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 83

- (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 87

- (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 91

- (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 93

- (Exam Topic 2)

What is the intellectual property protection for the logo of a new video game? Response:

- A. Copyright
- B. Patent
- C. Trademark
- D. Trade secret

Answer: C

NEW QUESTION 94

- (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 99

- (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 104

- (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 106

- (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 109

- (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 112

- (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 114

- (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 119

- (Exam Topic 2)

Which one of the following is not one of the three common threat modeling techniques? Response:

- A. Focused on assets
- B. Focused on attackers
- C. Focused on software
- D. Focused on social engineering

Answer: D

NEW QUESTION 120

- (Exam Topic 2)

Who should be involved in review and maintenance of user accounts/access? Response:

- A. The user's manager
- B. The security manager
- C. The accounting department
- D. The incident response team

Answer: A

NEW QUESTION 123

- (Exam Topic 2)

Which of the following is NOT a core component of an SIEM solution? Response:

- A. Correlation
- B. Aggregation
- C. Compliance
- D. Escalation

Answer: D

NEW QUESTION 127

- (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 130

- (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 134

- (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 139

- (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 143

- (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 144

- (Exam Topic 2)

Resolving resource contentions in the cloud will most likely be the job of the _____.

Response:

- A. Router
- B. Emulator
- C. Regulator
- D. Hypervisor

Answer: D

NEW QUESTION 146

- (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 148

- (Exam Topic 2)

What is the most secure form of code testing and review? Response:

- A. Open source
- B. Proprietary/internal
- C. Neither open source nor proprietary
- D. Combination of open source and proprietary

Answer: D

NEW QUESTION 152

- (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 153

- (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 158

- (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 163

- (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 165

- (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 167

- (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 171

- (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 175

- (Exam Topic 2)

According to OWASP recommendations, active software security testing should include all of the following except _____ .

Response:

- A. Session initiation testing
- B. Input validation testing
- C. Testing for error handling
- D. Testing for weak cryptography

Answer: A

NEW QUESTION 180

- (Exam Topic 2)

All of the following are identity federation standards commonly found in use today except _____ .

Response:

- A. WS-Federation
- B. OpenID
- C. OAuth
- D. PGP

Answer: D

NEW QUESTION 185

- (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 190

- (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 194

- (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 198

- (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 201

- (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 202

- (Exam Topic 2)

Federation should be _____ to the users.

Response:

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

Answer: C

NEW QUESTION 206

- (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 208

- (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 211

- (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 214

- (Exam Topic 2)

Which of these characteristics of a virtualized network adds risks to the cloud environment? Response:

- A. Redundancy
- B. Scalability
- C. Pay-per-use
- D. Self-service

Answer: A

NEW QUESTION 215

- (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 218

- (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 222

- (Exam Topic 3)

A user signs on to a cloud-based social media platform. In another browser tab, the user finds an article worth posting to the social media platform. The user clicks on the platform's icon listed on the article's website, and the article is automatically posted to the user's account on the social media platform.

This is an example of what?

Response:

- A. Single sign-on
- B. Insecure direct identifiers
- C. Identity federation
- D. Cross-site scripting

Answer: C

NEW QUESTION 224

- (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 227

- (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 230

- (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 235

- (Exam Topic 3)

Which of the following is not a component of the STRIDE model? Response:

- A. Spoofing
- B. Repudiation
- C. Information disclosure
- D. External pen testing

Answer: D

NEW QUESTION 236

- (Exam Topic 3)

Which type of cloud-based storage is IRM typically associated with? Response:

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

Answer: D

NEW QUESTION 237

- (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 238

- (Exam Topic 3)

Which of the following aids in the ability to demonstrate due diligence efforts?

Response:

- A. Redundant power lines
- B. HVAC placement
- C. Security training documentation
- D. Bollards

Answer: C

NEW QUESTION 242

- (Exam Topic 3)

Which of the following would NOT be used to determine the classification of data?

Response:

- A. Metadata
- B. PII
- C. Creator
- D. Future use

Answer: D

NEW QUESTION 244

- (Exam Topic 3)

What is the cloud service model in which the customer is responsible for administration of the OS? Response:

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

Answer: A

NEW QUESTION 249

- (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 253

- (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 256

- (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 258

- (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 262

- (Exam Topic 3)

Which of the following methods of addressing risk is most associated with insurance? Response:

- A. Transference
- B. Avoidance
- C. Acceptance
- D. Mitigation

Answer: A

NEW QUESTION 267

- (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 272

- (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 277

- (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 282

- (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 285

- (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 289

- (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 293

- (Exam Topic 3)

Managed cloud services exist because the service is less expensive for each customer than creating the same services for themselves in a legacy environment. Using a managed service allows the customer to realize significant cost savings through the reduction of _____.

Response:

- A. Risk
- B. Security controls
- C. Personnel
- D. Data

Answer: C

NEW QUESTION 294

- (Exam Topic 3)

Your application has been a continued target for SQL injection attempts. Which of the following technologies would be best used to combat the likeliness of a successful SQL injection exploit from occurring?

Response:

- A. XML accelerator
- B. WAF
- C. Sandbox
- D. Firewall

Answer: B

NEW QUESTION 299

- (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 303

- (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 306

- (Exam Topic 3)

Bob is staging an attack against Alice's website. He is able to embed a link on her site that will execute malicious code on a visitor's machine, if the visitor clicks on the link. This is an example of which type of attack?

Response:

- A. Cross-site scripting
- B. Broken authentication/session management
- C. Security misconfiguration
- D. Insecure cryptographic storage

Answer: A

NEW QUESTION 308

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