

Exam Questions CCSP

Certified Cloud Security Professional

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NEW QUESTION 1

- (Exam Topic 1)

Vulnerability scans are dependent on _____ in order to function. Response:

- A. Privileged access
- B. Vulnerability signatures
- C. Malware libraries
- D. Forensic analysis

Answer: B

NEW QUESTION 2

- (Exam Topic 1)

A virtual network interface card (NIC) exists at layer _____ of the OSI model. Response:

- A. 2
- B. 4
- C. 6
- D. 8

Answer: A

NEW QUESTION 3

- (Exam Topic 1)

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

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

Answer: C

NEW QUESTION 4

- (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 5

- (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 6

- (Exam Topic 1)

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

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

Answer: B

NEW QUESTION 7

- (Exam Topic 1)

What type of device is often leveraged to assist legacy applications that may not have the programmatic capability to process assertions from modern web services?

- A. Web application firewall
- B. XML accelerator
- C. Relying party

D. XML firewall

Answer: B

NEW QUESTION 8

- (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 9

- (Exam Topic 1)

When an organization implements an SIEM solution and begins aggregating event data, the configured event sources are only valid at the time it was configured. Application modifications, patching, and other upgrades will change the events generated and how they are represented over time.

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

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

Answer: B

NEW QUESTION 10

- (Exam Topic 1)

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

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

Answer: B

NEW QUESTION 10

- (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 11

- (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 16

- (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 19

- (Exam Topic 1)

Which phase of the cloud data lifecycle involves processing by a user or application? Response:

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

Answer: D

NEW QUESTION 20

- (Exam Topic 1)

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. Which of the following benefits will the CSA CCM offer your organization? Response:

- A. Simplifying regulatory compliance
- B. Collecting multiple data streams from your log files
- C. Ensuring that the baseline configuration is applied to all systems
- D. Enforcing contract terms between your organization and the cloud provider

Answer: A

NEW QUESTION 24

- (Exam Topic 1)

Egress monitoring solutions usually include a function that _____.
Response:

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

Answer: C

NEW QUESTION 27

- (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 31

- (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 36

- (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 40

- (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 45

- (Exam Topic 1)

Which of the following is the best and only completely secure method of data destruction? Response:

- A. Degaussing
- B. Crypto-shredding
- C. Physical destruction of resources that store the data
- D. Legal order issued by the prevailing jurisdiction where the data is geographically situated

Answer: C

NEW QUESTION 49

- (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 52

- (Exam Topic 1)

You are performing an audit of the security controls used in a cloud environment. Which of the following would best serve your purpose? Response:

- A. The business impact analysis (BIA)
- B. A copy of the VM baseline configuration
- C. The latest version of the company's financial records
- D. A SOC 3 report from another (external) auditor

Answer: B

NEW QUESTION 55

- (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 58

- (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 "cross-site scripting (XSS)." Which of the following is not a method for reducing the risk of XSS attacks? Response:

- A. Use an auto-escaping template system.
- B. XML escape all identity assertions.
- C. Sanitize HTML markup with a library designed for the purpose.
- D. HTML escape JSON values in an HTML context and read the data with JSON.parse.

Answer: B

NEW QUESTION 62

- (Exam Topic 1)

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

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

Answer: A

NEW QUESTION 65

- (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 66

- (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 67

- (Exam Topic 1)

A firewall can use all of the following techniques for controlling traffic except:

- A. Rule sets
- B. Behavior analysis
- C. Content filtering
- D. Randomization

Answer: D

NEW QUESTION 68

- (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 70

- (Exam Topic 1)

All of the following are terms used to described the practice of obscuring original raw data so that only a portion is displayed for operational purposes, except: Response:

- A. Tokenization
- B. Data discovery
- C. Obfuscation
- D. Masking

Answer: B

NEW QUESTION 75

- (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 80

- (Exam Topic 1)

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

- A. Source
- B. Delivery vendor
- C. Handling restrictions
- D. Jurisdiction

Answer: B

NEW QUESTION 83

- (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 84

- (Exam Topic 1)

Who will determine data classifications for the cloud customer?

- A. The cloud provider
- B. NIST
- C. Regulators
- D. The cloud customer

Answer: D

NEW QUESTION 88

- (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 increase the security value of the DLP, you should consider combining it with _____.

Response:

- A. Digital rights management (DRM) and security event and incident management (SIEM) tools
- B. An investment in upgraded project management software
- C. Digital insurance policies
- D. The Uptime Institute's Tier certification

Answer: A

NEW QUESTION 89

- (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 91

- (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 92

- (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 96

- (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 97

- (Exam Topic 2)

While an audit is being conducted, which of the following could cause management and the auditors to change the original plan in order to continue with the audit? Response:

- A. Cost overruns
- B. Impact on systems
- C. Regulatory changes
- D. Software version changes

Answer: A

NEW QUESTION 100

- (Exam Topic 2)

You are the security manager of a small firm that has just purchased a DLP solution to implement in your cloud-based production environment. Which of these activities should you perform before deploying the tool? Response:

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

Answer: A

NEW QUESTION 101

- (Exam Topic 2)

What could be the result of failure of the cloud provider to secure the hypervisor in such a way that one user on a virtual machine can see the resource calls of another user's virtual machine? Response:

- A. Unauthorized data disclosure
- B. Inference attacks
- C. Social engineering
- D. Physical intrusion

Answer: B

NEW QUESTION 106

- (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 108

- (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 109

- (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 111

- (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 113

- (Exam Topic 2)

Although encryption can help an organization to effectively decrease the possibility of data breaches, which other type of threat can it increase the chances of?

Response:

- A. Insecure interfaces
- B. Data loss
- C. System vulnerabilities
- D. Account hijacking

Answer: B

NEW QUESTION 116

- (Exam Topic 2)

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

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

Answer: C

NEW QUESTION 121

- (Exam Topic 2)

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

Response:

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

Answer: C

NEW QUESTION 122

- (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 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 131

- (Exam Topic 2)

You are the IT security manager for a video game software development company. Which of the following is most likely to be your primary concern on a daily basis?

Response:

- A. Health and human safety
- B. Security flaws in your products
- C. Security flaws in your organization
- D. Regulatory compliance

Answer: C

NEW QUESTION 136

- (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 138

- (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 140

- (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 matter
- E. Data can be saved anywhere without consequence

Answer: A

NEW QUESTION 141

- (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 144

- (Exam Topic 2)

Single sign-on systems work by authenticating users from a centralized location or using a centralized method, and then allowing applications that trust the system to grant those users access. What would be passed between the authentication system and the applications to grant a user access?

Response:

- A. Ticket
- B. Certificate
- C. Credential
- D. Token

Answer: D

NEW QUESTION 148

- (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 152

- (Exam Topic 2)

Your organization is considering a move to a cloud environment and is looking for certifications or audit reports from cloud providers to ensure adequate security controls and processes.

Which of the following is NOT a security certification or audit report that would be pertinent? Response:

- A. FedRAMP
- B. PCI DSS
- C. FIPS 140-2
- D. SOC Type 2

Answer: C

NEW QUESTION 156

- (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 158

- (Exam Topic 2)

What principle must always been included with an SOC 2 report? Response:

- A. Confidentiality
- B. Security
- C. Privacy
- D. Processing integrity

Answer: B

NEW QUESTION 162

- (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 167

- (Exam Topic 2)

Each of the following is an element of the Identification phase of the identity and access management (IAM) process except _____.

Response:

- A. Provisioning
- B. Inversion
- C. Management
- D. Deprovisioning

Answer: B

NEW QUESTION 168

- (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 173

- (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 174

- (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 178

- (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 182

- (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 187

- (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 189

- (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 190

- (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 193

- (Exam Topic 2)

You have been tasked by management to offload processing and validation of incoming encoded data from your application servers and their associated APIs.

Which of the following would be the most appropriate device or software to consider?

Response:

- A. XML accelerator
- B. XML firewall
- C. Web application firewall
- D. Firewall

Answer: A

NEW QUESTION 198

- (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 199

- (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 200

- (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 203

- (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 204

- (Exam Topic 2)

Which of the following data protection methodologies maintains the ability to connect back values to the original values?

Response:

- A. Tokenization
- B. Anonymization
- C. Obfuscation
- D. Dynamic mapping

Answer: A

NEW QUESTION 208

- (Exam Topic 2)

The tasks performed by the hypervisor in the virtual environment can most be likened to the tasks of the _____ in the legacy environment.

Response:

- A. Central processing unit (CPU)
- B. Security team
- C. OS
- D. PGP

Answer: A

NEW QUESTION 211

- (Exam Topic 2)

Designers making applications for the cloud have to take into consideration risks and operational constraints that did not exist or were not as pronounced in the legacy environment.

Which of the following is an element cloud app designers may have to consider incorporating in software for the cloud that might not have been as important in the legacy environment?

Response:

- A. IAM capability
- B. DDoS resistance
- C. Encryption for data at rest and in motion
- D. Field validation

Answer: C

NEW QUESTION 212

- (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 214

- (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 217

- (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 219

- (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 221

- (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 225

- (Exam Topic 3)

Which of the following aspects of the BC/DR process poses a risk to the organization? Response:

- A. Threat intelligence gathering
- B. Preplacement of response assets
- C. Budgeting for disaster
- D. Full testing of the plan

Answer: D

NEW QUESTION 227

- (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 232

- (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 233

- (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 238

- (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 240

- (Exam Topic 3)

When a customer performs a penetration test in the cloud, why isn't the test an optimum simulation of attack conditions?

Response:

- A. Attackers don't use remote access for cloud activity
- B. Advanced notice removes the element of surprise
- C. When cloud customers use malware, it's not the same as when attackers use malware
- D. Regulator involvement changes the attack surface

Answer: B

NEW QUESTION 243

- (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 247

- (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 252

- (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 253

- (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 257

- (Exam Topic 3)

FM-200 has all the following properties except _____.

Response:

- A. It's nontoxic at levels used for fire suppression
- B. It's gaseous at room temperature
- C. It may deplete the Earth's ozone layer
- D. It does not leave a film or coagulant after use

Answer: C

NEW QUESTION 260

- (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 264

- (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 269

- (Exam Topic 3)

Virtual machine (VM) configuration management (CM) tools should probably include _____.

Response:

- A. Biometric recognition
- B. Anti-tampering mechanisms
- C. Log file generation
- D. Hackback capabilities

Answer: C

NEW QUESTION 270

- (Exam Topic 3)

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

White-box

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

Answer: B

NEW QUESTION 272

- (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 276

- (Exam Topic 3)

When a user accesses a system, what process determines the roles and privileges that user is granted within the application?

Response:

- A. Authorization
- B. Authentication
- C. Provisioning
- D. Privilege

Answer: A

NEW QUESTION 279

- (Exam Topic 3)

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

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

Answer: C

NEW QUESTION 280

- (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 283

- (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 287

- (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 290

- (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 291

- (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 294

- (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 299

- (Exam Topic 3)

Which is the most commonly used standard for information exchange within a federated identity system? Response:

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

Answer: C

NEW QUESTION 303

- (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 308

- (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 312

- (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 313

- (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 314

- (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 318

- (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 320

- (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 321

- (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 325

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