



ISC2

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)

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 3

- (Exam Topic 1)

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

- A. Cloud customers and third parties are continually enhancing and modifying APIs.
- B. APIs can have automated settings.
- C. It is impossible to uninstall APIs.
- D. APIs are a form of malware.

Answer: A

NEW QUESTION 4

- (Exam Topic 1)

Which of the following is essential for getting full security value from your system baseline? Response:

- A. Capturing and storing an image of the baseline
- B. Keeping a copy of upcoming suggested modifications to the baseline
- C. Having the baseline vetted by an objective third party
- D. Using a baseline from another industry member so as not to engage in repetitious efforts

Answer: A

NEW QUESTION 5

- (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 6

- (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 “unvalidated redirects and forwards.”

Which of the following is a good way to protect against this problem? Response:

- A. Don't use redirects/forwards in your applications.
- B. Refrain from storing credentials long term.
- C. Implement security incident/event monitoring (security information and event management (SIEM)/security information management (SIM)/security event management (SEM)) solutions.
- D. Implement digital rights management (DRM) solutions.

Answer: A

NEW QUESTION 7

- (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 8

- (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 9

- (Exam Topic 1)

Of the following, which is probably the most significant risk in a managed cloud environment? Response:

- A. DDoS
- B. Management plane breach
- C. Guest escape
- D. Physical attack on the utility service lines

Answer: B

NEW QUESTION 10

- (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 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 14

- (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 15

- (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 16

- (Exam Topic 1)

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

Response:

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

Answer: B

NEW QUESTION 19

- (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 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 24

- (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 28

- (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 33

- (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 35

- (Exam Topic 1)

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

Response:

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

Answer: A

NEW QUESTION 38

- (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 43

- (Exam Topic 1)

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

Response:

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

Answer: B

NEW QUESTION 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 46

- (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 49

- (Exam Topic 1)

Why are PaaS environments at a higher likelihood of suffering backdoor vulnerabilities?

- A. They rely on virtualization.
- B. They are often used for software development.
- C. They have multitenancy.
- D. They are scalable.

Answer: B

NEW QUESTION 53

- (Exam Topic 1)

Which Common Criteria Evaluation Assurance Level (EAL) is granted to those products that are formally verified in terms of design and tested by an independent third party?

- A. 1
- B. 3
- C. 5
- D. 7

Answer: D

NEW QUESTION 54

- (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 58

- (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 59

- (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 62

- (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 66

- (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 68

- (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 71

- (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 74

- (Exam Topic 1)

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

Response:

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

Answer: A

NEW QUESTION 79

- (Exam Topic 1)

Which of the following is not typically included as a basic phase of the software development life cycle?

- A. Define
- B. Design
- C. Describe
- D. Develop

Answer: C

NEW QUESTION 81

- (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 82

- (Exam Topic 1)

When an organization considers cloud migrations, the organization's software developers will need to know which _____ and _____ which the organization will be using, in order to properly and securely create suitable applications.

- A. Geographic location, native language
- B. Legal restrictions, specific ISP
- C. Service model, deployment model
- D. Available bandwidth, telecommunications country code

Answer: C

NEW QUESTION 86

- (Exam Topic 1)

Who is the entity identified by personal data? Response:

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

Answer: D

NEW QUESTION 88

- (Exam Topic 1)

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 90

- (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. Previous releases have shipped with major flaws that were not detected in the testing phase; leadership wants to avoid repeating that problem. What tool/technique/technology might you suggest to aid in identifying programming errors?

- A. Vulnerability scans
- B. Open source review
- C. SOC audits
- D. Regulatory review

Answer: B

NEW QUESTION 94

- (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 99

- (Exam Topic 1)

SOX was enacted because of which of the following? Response:

- A. Poor BOD oversight
- B. Lack of independent audits
- C. Poor financial controls
- D. All of the above

Answer: D

NEW QUESTION 101

- (Exam Topic 1)

Who should be the only entity allowed to declare that an organization can return to normal following contingency or BCDR operations? Response:

- A. Regulators
- B. Law enforcement
- C. The incident manager
- D. Senior management

Answer: D

NEW QUESTION 103

- (Exam Topic 1)

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

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

Answer: B

NEW QUESTION 108

- (Exam Topic 1)

Which of the following best describes a cloud carrier?

- A. A person or entity responsible for making a cloud service available to consumers
- B. The intermediary who provides connectivity and transport of cloud services between cloud providers and cloud consumers

- C. The person or entity responsible for keeping cloud services running for customers
- D. The person or entity responsible for transporting data across the Internet

Answer: B

NEW QUESTION 110

- (Exam Topic 1)

Which standards body depends heavily on contributions and input from its open membership base? Response:

- A. NIST
- B. ISO
- C. ICANN
- D. CSA

Answer: D

NEW QUESTION 115

- (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 116

- (Exam Topic 1)

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

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

Answer: D

NEW QUESTION 118

- (Exam Topic 1)

_____ is the most prevalent protocol used in identity federation.

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

Answer: B

NEW QUESTION 123

- (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 126

- (Exam Topic 1)

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

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

Answer: C

NEW QUESTION 130

- (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 134

- (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 137

- (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 140

- (Exam Topic 2)

A federated identity system is composed of three main components. Which of the following is NOT one of the three main components?

Response:

- A. Identity provider
- B. User
- C. Relying party
- D. API

Answer: D

NEW QUESTION 144

- (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 149

- (Exam Topic 2)

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

Response:

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

Answer: B

NEW QUESTION 154

- (Exam Topic 2)

A bare-metal hypervisor is Type _____.

Response:

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

Answer: A

NEW QUESTION 156

- (Exam Topic 2)

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

According to the CSA, what aspect of managed cloud services makes the threat of malicious insiders so alarming?

Response:

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

Answer: B

NEW QUESTION 160

- (Exam Topic 2)

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

Response:

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

Answer: C

NEW QUESTION 161

- (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 165

- (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 166

- (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 170

- (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 172

- (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 176

- (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 180

- (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 181

- (Exam Topic 2)

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

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

Answer: A

NEW QUESTION 183

- (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 184

- (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 187

- (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 188

- (Exam Topic 2) 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 191

- (Exam Topic 2)

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

- A. Remove all nonessential programs from the baseline image
- B. Exclude the target system you intend to baseline from any scheduled updates/patching used in production systems
- C. Include the baseline image in the asset inventory/configuration management database
- D. Configure the host OS according to the baseline requirements

Answer: C

NEW QUESTION 193

- (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 197

- (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 200

- (Exam Topic 2)

Which kind of SSAE audit report is a cloud customer most likely to receive from a cloud provider? Response:

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

Answer: D

NEW QUESTION 203

- (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 206

- (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 209

- (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 210

- (Exam Topic 2)

What are the four cloud deployment models? Response:

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

Answer: D

NEW QUESTION 211

- (Exam Topic 2)

Which of the following is not a feature of SAST? Response:

- A. Source code review
- B. Team-building efforts
- C. “White-box” testing
- D. Highly skilled, often expensive outside consultants

Answer: B

NEW QUESTION 214

- (Exam Topic 2)

What is a cloud storage architecture that manages the data in a hierarchy of files? Response:

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

Answer: B

NEW QUESTION 217

- (Exam Topic 2)

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

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

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

Answer: B

NEW QUESTION 221

- (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 222

- (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 226

- (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 231

- (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 236

- (Exam Topic 2)

Which standards body depends heavily on contributions and input from its open membership base?

Response:

- A. NIST
- B. ISO
- C. ICANN
- D. CSA

Answer: D

NEW QUESTION 240

- (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 244

- (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 248

- (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 249

- (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 254

- (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 258

- (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 259

- (Exam Topic 2)

Which SSAE 16 report is purposefully designed for public release (for instance, to be posted on a company's website)?

Response:

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

Answer: D

NEW QUESTION 262

- (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 267

- (Exam Topic 2)

What is a data custodian responsible for? Response:

- A. The safe custody, transport, storage of the data, and implementation of business rules
- B. Data content, context, and associated business rules
- C. Logging and alerts for all data
- D. Customer access and alerts for all data

Answer: A

NEW QUESTION 271

- (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 273

- (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 278

- (Exam Topic 2)

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

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

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

Answer: B

NEW QUESTION 279

- (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 283

- (Exam Topic 2)

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

Response:

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

Answer: C

NEW QUESTION 287

- (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 292

- (Exam Topic 2)

Which of the following is not a way to manage risk? Response:

- A. Enveloping
- B. Mitigating
- C. Accepting
- D. Transferring

Answer: A

NEW QUESTION 294

- (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 299

- (Exam Topic 2)

From a security perspective, automation of configuration aids in _____.

Response:

- A. Enhancing performance
- B. Reducing potential attack vectors
- C. Increasing ease of use of the systems
- D. Reducing need for administrative personnel

Answer: B

NEW QUESTION 301

- (Exam Topic 3)

Which of the following is NOT one of the security domains presented within the Cloud Controls Matrix? Response:

- A. Financial security
- B. Mobile security
- C. Data center security
- D. Interface security

Answer: A

NEW QUESTION 306

- (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 307

- (Exam Topic 3)

Federation allows _____ across organizations.

Response:

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

Answer: D

NEW QUESTION 308

- (Exam Topic 3)

Cloud vendors are held to contractual obligations with specified metrics by:

Response:

- A. SLAs
- B. Regulations
- C. Law
- D. Discipline

Answer: A

NEW QUESTION 310

- (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 315

- (Exam Topic 3)

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

Response:

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

Answer: D

NEW QUESTION 318

- (Exam Topic 3)

Which kind of SSAE report comes with a seal of approval from a certified auditor? Response:

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

Answer: C

NEW QUESTION 321

- (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 322

- (Exam Topic 3)

Access should be based on _____.

Response:

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

Answer: B

NEW QUESTION 324

- (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 326

- (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 331

- (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 336

- (Exam Topic 3)

Fiber-optic lines are considered part of layer _____ of the OSI model. Response:

- A. 1
- B. 3
- C. 5
- D. 7

Answer: A

NEW QUESTION 339

- (Exam Topic 3)

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

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

Answer: B

NEW QUESTION 343

- (Exam Topic 3)

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

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

Answer: D

NEW QUESTION 346

- (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 347

- (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 350

- (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 352

- (Exam Topic 3)

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

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

Answer: C

NEW QUESTION 356

- (Exam Topic 3)

A truly airgapped machine selector will _____.

Response:

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

Answer: A

NEW QUESTION 360

- (Exam Topic 3)

The Cloud Security Alliance (CSA) publishes the Notorious Nine, a list of common threats to organizations participating in cloud computing. A cloud customer that does not perform sufficient due diligence can suffer harm if the cloud provider they’ve selected goes out of business.

What do we call this problem? Response:

- A. Vendor lock-in
- B. Vendor lock-out
- C. Vendor incapacity
- D. Unscaled

Answer: B

NEW QUESTION 365

- (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 370

- (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 371

- (Exam Topic 3)

DLP solutions can aid in deterring loss due to which of the following?

Response:

- A. Randomization
- B. Inadvertent disclosure
- C. Natural disaster
- D. Device failure

Answer: B

NEW QUESTION 376

- (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 377

- (Exam Topic 3)

What is the major difference between authentication/authorization? Response:

- A. Code verification/code implementation
- B. Identity validation/access permission
- C. Inverse incantation/obverse instantiation
- D. User access/privileged access

Answer: B

NEW QUESTION 380

- (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 381

- (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 384

- (Exam Topic 3)

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

Response:

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

Answer: A

NEW QUESTION 387

- (Exam Topic 3)

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

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

Answer: B

NEW QUESTION 389

- (Exam Topic 3)

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

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

Answer: A

NEW QUESTION 391

- (Exam Topic 3)

Tokenization requires two distinct _____.
Response:

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

Answer: B

NEW QUESTION 392

- (Exam Topic 3)

Which characteristic of automated patching makes it attractive? Response:

- A. Cost
- B. Speed
- C. Noise reduction
- D. Capability to recognize problems quickly

Answer: B

NEW QUESTION 393

- (Exam Topic 3)

Which of the following is a risk that stems from a virtualized environment? Response:

- A. Live virtual machines in the production environment are moved from one host to another in the clear.
- B. Cloud data centers can become a single point of failure.
- C. It is difficult to find and contract with multiple utility providers of the same type (electric, water, etc.).
- D. Modern SLA demands are stringent and very hard to meet.

Answer: A

NEW QUESTION 395

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

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

Answer: C

NEW QUESTION 398

- (Exam Topic 3)

Security best practices in a virtualized network environment would include which of the following? Response:

- A. Using distinct ports and port groups for various VLANs on a virtual switch rather than running them through the same port
- B. Running iSCSI traffic unencrypted in order to have it observed and monitored by NIDS
- C. Adding HIDS to all virtual guests
- D. Hardening all outward-facing firewalls in order to make them resistant to attack

Answer: A

NEW QUESTION 402

- (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 403

- (Exam Topic 3)

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.

In order to pass the user IDs and authenticating credentials of each user among the organizations, what protocol/language/motif will you most likely utilize? Response:

- A. Representational State Transfer (REST)
- B. Security Assertion Markup Language (SAML)
- C. Simple Object Access Protocol (SOAP)
- D. Hypertext Markup Language (HTML)

Answer: B

NEW QUESTION 406

- (Exam Topic 3)

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

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

Answer: A

NEW QUESTION 408

- (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 410

- (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 414

- (Exam Topic 3)

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

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

Answer: B

NEW QUESTION 416

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