

# 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)

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 4

- (Exam Topic 1)

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

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

**Answer: D**

#### NEW QUESTION 5

- (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 6

- (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 7

- (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 8

- (Exam Topic 1)

What is used with a single sign-on system for authentication after the identity provider has successfully authenticated a user?

Response:

- A. Token
- B. Key
- C. XML
- D. SAML

**Answer:** A

#### NEW QUESTION 9

- (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 10

- (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)

A typical DLP tool can enhance the organization's efforts at accomplishing what legal task? Response:

- A. Evidence collection
- B. Delivering testimony
- C. Criminal prosecution
- D. Enforcement of intellectual property rights

**Answer:** A

#### NEW QUESTION 12

- (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 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 18

- (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 19

- (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 24

- (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 29

- (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 31

- (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 34

- (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 37

- (Exam Topic 1)

Cloud environments pose many unique challenges for a data custodian to properly adhere to policies and the use of data. What poses the biggest challenge for a data custodian with a PaaS implementation, over and above the same concerns with IaaS?

Response:

- A. Access to systems
- B. Knowledge of systems
- C. Data classification rules
- D. Contractual requirements

**Answer: B**

#### NEW QUESTION 40

- (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 44

- (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 45

- (Exam Topic 1)

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

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

**Answer: A**

#### NEW QUESTION 49

- (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 54

- (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 59

- (Exam Topic 1)

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

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

Answer: D

**NEW QUESTION 64**

- (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)

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 69**

- (Exam Topic 1)

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

Response:

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

Answer: A

**NEW QUESTION 72**

- (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 75**

- (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 79**

- (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 83**

- (Exam Topic 1)

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 85

- (Exam Topic 1)

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

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

**Answer: C**

#### NEW QUESTION 89

- (Exam Topic 1)

Which of the following is not an enforceable governmental request? Response:

- A. Warrant
- B. Subpoena
- C. Court order
- D. Affidavit

**Answer: D**

#### NEW QUESTION 90

- (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 93

- (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 96

- (Exam Topic 1)

Impact resulting from risk being realized is often measured in terms of \_\_\_\_\_.

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

**Answer: B**

#### NEW QUESTION 101

- (Exam Topic 1)

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

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

**Answer: B**

**NEW QUESTION 106**

- (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 108**

- (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 111**

- (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 115**

- (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 117**

- (Exam Topic 2)

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

Response:

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

**Answer: A**

**NEW QUESTION 121**

- (Exam Topic 2)

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 122**

- (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 123**

- (Exam Topic 2)

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

\_\_\_\_\_.

Response:

- A. Physical perimeter security controls (fences, lights, walls, etc.)
- B. The administration/support staff building
- C. Electrical utility lines
- D. Communications connectivity lines

**Answer: B**

**NEW QUESTION 127**

- (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 130**

- (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 134**

- (Exam Topic 2)

Administrative penalties for violating the General Data Protection Regulation (GDPR) can range up to

\_\_\_\_\_.

Response:

- A. US\$100,000
- B. 500,000 euros
- C. 20,000,000 euros
- D. 1,000,000 euros

**Answer: C**

**NEW QUESTION 136**

- (Exam Topic 2)

Which of the following would NOT be included as input into the requirements gathering for an application or system?

Response:

- A. Users
- B. Management
- C. Regulators
- D. Auditors

**Answer: D**

**NEW QUESTION 137**

- (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 142

- (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 144

- (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 149

- (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 150

- (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 155

- (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 158

- (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 163

- (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 164**

- (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 169**

- (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 170**

- (Exam Topic 2)

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

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

**Answer:** C

**NEW QUESTION 175**

- (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 179**

- (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 183**

- (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 187**

- (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 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 192**

- (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 194**

- (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 198**

- (Exam Topic 2)

\_\_\_\_\_ can often be the result of inadvertent activity. Response:

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

**Answer: C**

**NEW QUESTION 203**

- (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 206**

- (Exam Topic 2)

Your organization is developing software for wide use by the public. You have decided to test it in a cloud environment, in a PaaS model. Which of the following should be of particular concern to your organization for this situation?

Response:

- A. Vendor lock-in
- B. Backdoors
- C. Regulatory compliance
- D. High-speed network connectivity

**Answer: B**

**NEW QUESTION 207**

- (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 209**

- (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 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 215**

- (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 220**

- (Exam Topic 3)

The BCDR plan/process should be written and documented in such a way that it can be used by \_\_\_\_\_.

Response:

- A. Users
- B. Essential BCDR team members
- C. Regulators
- D. Someone with the requisite skills

**Answer: D**

**NEW QUESTION 221**

- (Exam Topic 3)

Which technology is most associated with tunneling? Response:

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

**Answer: B**

**NEW QUESTION 223**

- (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 225**

- (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)

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

Response:

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

**Answer: C**

**NEW QUESTION 231**

- (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 235**

- (Exam Topic 3)

Patches do all the following except \_\_\_\_\_.

Response:

- A. Address newly discovered vulnerabilities
- B. Solve cloud interoperability problems
- C. Add new features and capabilities to existing systems
- D. Address performance issues

**Answer: B**

**NEW QUESTION 237**

- (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 238**

- (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 242

- (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 246

- (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 251

- (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 254

- (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)

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 261

- (Exam Topic 3)

What are the objectives of change management? (Choose all that apply.)

Response:

- A. Respond to a customer's changing business requirements while maximizing value and reducing incidents, disruption, and rework
- B. Ensure that changes are recorded and evaluated

- C. Respond to business and IT requests for change that will disassociate services with business needs
- D. Ensure that all changes are prioritized, planned, tested, implemented, documented, and reviewed in a controlled manner

**Answer:** AB

**NEW QUESTION 266**

- (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 270**

- (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 274**

- (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 276**

- (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 277**

- (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 280**

- (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 283**

- (Exam Topic 3)

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

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

**Answer: B**

**NEW QUESTION 285**

- (Exam Topic 3)

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

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

**Answer: B**

**NEW QUESTION 288**

- (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 289**

- (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 291**

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