

# 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 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 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)

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 7

- (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 8

- (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 9

- (Exam Topic 1)

Which of the following best describes SAML? Response:

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

**Answer:** B

#### NEW QUESTION 10

- (Exam Topic 1)

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

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

**Answer:** B

#### NEW QUESTION 10

- (Exam Topic 1)

Which 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 15

- (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 17

- (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 19

- (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 22

- (Exam Topic 1)

Which of the following storage types are used with an Infrastructure as a Service (IaaS) solution? Response:

- A. Volume and block
- B. Structured and object
- C. Unstructured and ephemeral
- D. Volume and object

**Answer:** D

#### NEW QUESTION 27

- (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 29

- (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 34

- (Exam Topic 1)

Which of the following data sanitation methods would be the MOST effective if you needed to securely remove data as quickly as possible in a cloud environment?

Response:

- A. Zeroing
- B. Cryptographic erasure
- C. Overwriting
- D. Degaussing

**Answer:** B

#### NEW QUESTION 39

- (Exam Topic 1)

You are the security manager for an online retail sales company with 100 employees and a production environment hosted in a PaaS model with a major cloud provider.

Your company policies have allowed for a BYOD workforce that work equally from the company offices and their own homes or other locations. The policies also allow users to select which APIs they install and use on their own devices in order to access and manipulate company data.

Of the following, what is a security control you'd like to implement to offset the risk(s) incurred by this practice?

- A. Regular and widespread integrity checks on sampled data throughout the managed environment
- B. More extensive and granular background checks on all employees, particularly new hires
- C. Inclusion of references to all applicable regulations in the policy documents
- D. Increased enforcement of separation of duties for all workflows

**Answer:** A

#### NEW QUESTION 43

- (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 46

- (Exam Topic 1)

You are the security manager for a software development firm. Your company is interested in using a managed cloud service provider for hosting its testing environment. Management is interested in adopting an Agile development style. This will be typified by which of the following traits? Response:

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

**Answer:** D

#### NEW QUESTION 51

- (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 55

- (Exam Topic 1)

Which security certification serves as a general framework that can be applied to any type of system or application?

- A. ISO/IEC 27001
- B. PCI DSS
- C. FIPS 140-2
- D. NIST SP 800-53

**Answer:** A

#### NEW QUESTION 60

- (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 63

- (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 64

- (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 69**

- (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 72**

- (Exam Topic 1)

The Cloud Security Alliance (CSA) publishes the Notorious Nine, a list of common threats to organizations participating in cloud computing. According to the CSA, an organization that suffers a data breach might suffer all of the following negative effects except \_\_\_\_\_.

Response:

- A. Cost of compliance with notification laws
- B. Loss of public perception/goodwill
- C. Loss of market share
- D. Cost of detection

**Answer:** D

**NEW QUESTION 76**

- (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 81**

- (Exam Topic 1)

During which stage of the SDLC process should security be consulted and begin its initial involvement?

- A. Testing
- B. Design
- C. Development
- D. Requirement gathering

**Answer:** D

**NEW QUESTION 85**

- (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 86**

- (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 90**

- (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 95

- (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 96

- (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 101

- (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 102

- (Exam Topic 2)

In a Lightweight Directory Access Protocol (LDAP) environment, each entry in a directory server is identified by a \_\_\_\_\_.

Response:

- A. Domain name (DN)
- B. Distinguished name (DN)
- C. Directory name (DN)
- D. Default name (DN)

**Answer:** B

#### NEW QUESTION 105

- (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 106

- (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 107**

- (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 112**

- (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 114**

- (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 115**

- (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 117**

- (Exam Topic 2)

In a cloud environment, encryption should be used for all the following, except: Response:

- A. Long-term storage of data
- B. Near-term storage of virtualized images
- C. Secure sessions/VPN
- D. Profile formatting

**Answer:** D

**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 125**



- (Exam Topic 2)

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

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

**Answer:** D

#### NEW QUESTION 127

- (Exam Topic 2)

Which of the following is 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 128

- (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 132

- (Exam Topic 2)

An organization could have many reasons that are common throughout the industry to activate a BCDR situation. Which of the following is NOT a typical reason to activate a BCDR plan?

Response:

- A. Natural disaster
- B. Utility outage
- C. Staff loss
- D. Terrorist attack

**Answer:** C

#### NEW QUESTION 137

- (Exam Topic 2)

Firewalls can detect attack traffic by using all these methods except \_\_\_\_\_.

Response:

- A. Known past behavior in the environment
- B. Identity of the malicious user
- C. Point of origination
- D. Signature matching

**Answer:** B

#### NEW QUESTION 139

- (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)

You are the security manager for a company that is considering cloud migration to an IaaS environment. You are assisting your company's IT architects in constructing the environment. Which of the following options do you recommend?

Response:

- A. Unrestricted public access
- B. Use of a Type I hypervisor
- C. Use of a Type II hypervisor
- D. Enhanced productivity without encryption

**Answer:** B

#### NEW QUESTION 142

- (Exam Topic 2)

Tokenization requires at least \_\_\_\_\_ database(s).

Response:

- A. One
- B. Two
- C. Three
- D. Four

**Answer:** B

#### NEW QUESTION 145

- (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 150

- (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 153

- (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 154

- (Exam Topic 2)

Halon is now illegal to use for data center fire suppression. What is the reason it was outlawed? Response:

- A. It poses a threat to health and human safety when deployed.
- B. It can harm the environment.
- C. It does not adequately suppress fires.
- D. It causes undue damage to electronic systems.

**Answer:** B

#### NEW QUESTION 159

- (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 161

- (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 162

- (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 166

- (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 168

- (Exam Topic 2)

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 173

- (Exam Topic 2)

DLP solutions typically involve all of the following aspects except \_\_\_\_\_.

Response:

- A. Data discovery
- B. Tokenization
- C. Monitoring
- D. Enforcement

**Answer:** B

#### NEW QUESTION 175

- (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 180

- (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 184

- (Exam Topic 3)

Federation allows \_\_\_\_\_ across organizations.

Response:

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

**Answer: D**

#### NEW QUESTION 188

- (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 191

- (Exam Topic 3)

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

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

**Answer: D**

#### NEW QUESTION 194

- (Exam Topic 3)

Digital rights management (DRM) solutions (sometimes referred to as information rights management, or IRM) often protect unauthorized distribution of what type of intellectual property?

Response:

- A. Patents
- B. Trademarks
- C. Personally identifiable information (PII)
- D. Copyright

**Answer: D**

#### NEW QUESTION 198

- (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 202

- (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 207

- (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 210

- (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 213

- (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 218

- (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 222

- (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 223

- (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 225

- (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 226

- (Exam Topic 3)

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

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

**Answer:** D

#### NEW QUESTION 227

- (Exam Topic 3)

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

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

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

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

**Answer:** B

#### NEW QUESTION 228

- (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 230

- (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 234

- (Exam Topic 3)

All of these are reasons an organization may want to consider cloud migration except: Response:

- A. Reduced personnel costs
- B. Elimination of risks
- C. Reduced operational expenses
- D. Increased efficiency

**Answer:** B

#### NEW QUESTION 235

- (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 240



- (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 245

- (Exam Topic 3)

Tokenization requires two distinct \_\_\_\_\_.

Response:

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

**Answer:** B

#### NEW QUESTION 246

- (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 247

- (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 249

- (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 251

- (Exam Topic 3)

In addition to BCDR, what other benefit can your data archive/backup provide? Response:

- A. Physical security enforcement
- B. Access control methodology
- C. Security control against data breach
- D. Identity management testing

**Answer:** D

#### NEW QUESTION 256

- (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 259

- (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 260

- (Exam Topic 3)

What is one of the benefits of implementing an egress monitoring solution? Response:

- A. Preventing DDoS attacks
- B. Inventorying data assets
- C. Interviewing data owners
- D. Protecting against natural disasters

**Answer:** B

#### NEW QUESTION 264

- (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 266

- (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 270

- (Exam Topic 3)

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

Response:

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

**Answer:** A

#### NEW QUESTION 271

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