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NEW QUESTION: 1

How can key management be leveraged to prevent cloud providers from inappropriately accessing customer data?

- A. Segregate keys from the provider hosting data
- B. Stipulate encryption in contract language
- C. Secure backup processes for key management systems
- D. Use strong multi-factor authentication
- E. Select cloud providers within the same country as customer

Answer: A (LEAVE A REPLY)

NEW QUESTION: 2

Which attack surfaces, if any, does virtualization technology introduce?

- A. All of the above
- B. Virtualization management components apart from the hypervisor
- C. Configuration and VM sprawl issues
- D. The hypervisor

Answer: A (LEAVE A REPLY)

NEW QUESTION: 3

Sending data to a provider's storage over an API is likely as much more reliable and secure than setting up your own SFTP server on a VM in the same provider

- A. True
- B. False

Answer: A (LEAVE A REPLY)

NEW QUESTION: 4

Audits should be robustly designed to reflect best practice, appropriate resources, and tested protocols and standards. They should also use what type of auditors?

- A. Auditors working in the interest of the cloud customer
- B. None of the above
- C. Certified by CSA
- D. Independent auditors
- E. Auditors working in the interest of the cloud provider

Answer: D ([LEAVE A REPLY](#))

NEW QUESTION: 5

ENISA: A reason for risk concerns of a cloud provider being acquired is:

- A. Mass layoffs may occur
- B. Resource isolation may fail
- C. Non-binding agreements put at risk
- D. Arbitrary contract termination by acquiring company
- E. Provider may change physical location

Answer: C ([LEAVE A REPLY](#))

NEW QUESTION: 6

What is known as a code execution environment running within an operating system that shares and uses the resources of the operating system?

- A. Virtual machine
- B. Container
- C. Pod
- D. Platform-based Workload
- E. Abstraction

Answer: ([SHOW ANSWER](#))

NEW QUESTION: 7

Audits should be robustly designed to reflect best practice, appropriate resources, and tested protocols and standards. They should also use what type of auditors?

- A. Independent auditors
- B. None of the above
- C. Auditors working in the interest of the cloud customer
- D. Auditors working in the interest of the cloud provider
- E. Certified by CSA

Answer: A ([LEAVE A REPLY](#))

NEW QUESTION: 8

CCM: The Cloud Service Delivery Model Applicability column in the CCM indicates the applicability of the cloud security control to which of the following elements?

- A. Mappings to well-known standards and frameworks
- B. Service Provider or Tenant/Consumer
- C. Physical, Network, Compute, Storage, Application or Data
- D. SaaS, PaaS or IaaS

Answer: ([SHOW ANSWER](#))

NEW QUESTION: 9

Which opportunity helps reduce common application security issues?

- A. Segregation by default
- B. Decreased use of micro-services
- C. Fewer serverless configurations
- D. Default deny
- E. Elastic infrastructure

Answer: ([SHOW ANSWER](#))

NEW QUESTION: 10

CCM: A hypothetical company called: "Health4Sure" is located in the United States and provides cloud based services for tracking patient health. The company is compliant with HIPAA/HITECH Act among other industry standards. Health4Sure decides to assess the overall security of their cloud service against the CCM toolkit so that they will be able to present this document to potential clients.

Which of the following approach would be most suitable to assess the overall security posture of Health4Sure's cloud service?

- A. The CCM domains are not mapped to HIPAA/HITECH Act. Therefore Health4Sure should assess the security posture of their cloud service against each and every control in the CCM. This approach will allow a thorough assessment of the security posture.
- B. The CCM columns are mapped to HIPAA/HITECH Act and therefore Health4Sure could verify the CCM controls already covered as a result of their compliance with HIPAA/HITECH Act. They could then assess the remaining controls. This approach will save time.
- C. The CCM domain controls are mapped to HIPAA/HITECH Act and therefore Health4Sure could verify the CCM controls already covered as a result of their compliance with HIPAA/HITECH Act. They could then assess the remaining controls thoroughly. This approach saves time while being able to assess the company's overall security posture in an efficient manner.

Answer: A ([LEAVE A REPLY](#))

NEW QUESTION: 11

What is true of a workload?

- A. It must be containerized
- B. It is a unit of processing that consumes memory

- C. It is always a virtual machine
- D. It does not require a hardware stack
- E. It is configured for specific, established tasks

Answer: (SHOW ANSWER)

NEW QUESTION: 12

How should an SDLC be modified to address application security in a Cloud Computing environment?

- A. Integrated development environments
- B. Just-in-time compilers
- C. No modification is needed
- D. Both B and C
- E. Updated threat and trust models

Answer: A (LEAVE A REPLY)

NEW QUESTION: 13

Which of the following statements is true in regards to Data Loss Prevention (DLP)?

- A. DLP can provide options for how data found in violation of a policy can be handled.
- B. DLP never provides options for how data found in violation of a policy can be handled.
- C. DLP can provide options for where data is stored.
- D. DLP can provide options for quickly deleting all of the data stored in a cloud environment.
- E. DLP can classify all data in a storage repository.

Answer: A (LEAVE A REPLY)

NEW QUESTION: 14

When configured properly, logs can track every code, infrastructure, and configuration change and connect it back to the submitter and approver, including the test results.

- A. True
- B. False

Answer: A (LEAVE A REPLY)

NEW QUESTION: 15

What should every cloud customer set up with its cloud service provider (CSP) that can be utilized in the event of an incident?

- A. A spill remediation kit
- B. A back-up website
- C. A data destruction plan
- D. A communication plan
- E. A rainy day fund

Answer: D (LEAVE A REPLY)

NEW QUESTION: 16

Which term is used to describe the use of tools to selectively degrade portions of the cloud to continuously test business continuity?

- A. Resiliency Planning
- B. Planned Outages
- C. Chaos Engineering
- D. Organized Downtime
- E. Expected Engineering

Answer: C (LEAVE A REPLY)

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NEW QUESTION: 17

What are the primary security responsibilities of the cloud provider in the management infrastructure?

- A. Providing as many API endpoints as possible for custom access and configurations
- B. Properly configuring the deployment of the virtual network, except the firewalls
- C. Properly configuring the deployment of the virtual network, especially the firewalls
- D. Configuring second factor authentication across the network
- E. Building and properly configuring a secure network infrastructure

Answer: (SHOW ANSWER)

NEW QUESTION: 18

Which type of application security testing tests running applications and includes tests such as web vulnerability testing and fuzzing?

- A. Dynamic Application Security Testing (DAST)
- B. Unit Testing
- C. Static Application Security Testing (SAST)
- D. Code Review
- E. Functional Testing

Answer: A (LEAVE A REPLY)

NEW QUESTION: 19

Dynamic Application Security Testing (DAST) might be limited or require pre-testing permission from the provider.

- A. True
- B. False

Answer: A ([LEAVE A REPLY](#))

NEW QUESTION: 20

Big data includes high volume, high variety, and high velocity.

- A. True
- B. False

Answer: ([SHOW ANSWER](#))

NEW QUESTION: 21

Which of the following encryption methods would be utilized when object storage is used as the back-end for an application?

- A. Client/application encryption
- B. Asymmetric encryption
- C. Media encryption
- D. Database encryption
- E. Object encryption

Answer: A ([LEAVE A REPLY](#))

NEW QUESTION: 22

Which data security control is the LEAST likely to be assigned to an IaaS provider?

- A. Access controls
- B. Physical destruction
- C. Asset management and tracking
- D. Encryption solutions
- E. Application logic

Answer: E ([LEAVE A REPLY](#))

NEW QUESTION: 23

If the management plane has been breached, you should confirm the templates/configurations for your infrastructure or applications have not also been compromised.

- A. True
- B. False

Answer: B ([LEAVE A REPLY](#))

NEW QUESTION: 24

What are the encryption options available for SaaS consumers?

- A. Client/application and file/folder encryption
- B. Provider-managed and (sometimes) proxy encryption
- C. Object encryption Volume storage encryption
- D. Any encryption option that is available for volume storage, object storage, or PaaS

Answer: B (LEAVE A REPLY)

NEW QUESTION: 25

What does it mean if the system or environment is built automatically from a template?

- A. Changes made in production are untouched by the next code or template change.
- B. Nothing.
- C. Changes made in production are overwritten by the next code or template change.
- D. It depends on how the automation is configured.
- E. Changes made in test are overwritten by the next code or template change.

Answer: E (LEAVE A REPLY)

NEW QUESTION: 26

Cloud services exhibit five essential characteristics that demonstrate their relation to, and differences from, traditional computing approaches. Which one of the five characteristics is described as: a consumer can unilaterally provision computing capabilities such as server time and network storage as needed.

- A. On-demand self-service
- B. Measured service
- C. Resource pooling
- D. Rapid elasticity
- E. Broad network access

Answer: A (LEAVE A REPLY)

NEW QUESTION: 27

What is known as the interface used to connect with the metastructure and configure the cloud environment?

- A. Administrative access
- B. Identity and Access Management
- C. Management plane
- D. Single sign-on
- E. Cloud dashboard

Answer: C (LEAVE A REPLY)

NEW QUESTION: 28

Without virtualization, there is no cloud.

- A. False
- B. True

Answer: B (LEAVE A REPLY)

NEW QUESTION: 29

What is the most significant security difference between traditional infrastructure and cloud computing?

- A. Secondary authentication factors
- B. Management plane
- C. Network access points
- D. Mobile security configuration options
- E. Intrusion detection options

Answer: B (LEAVE A REPLY)

NEW QUESTION: 30

All cloud services utilize virtualization technologies.

- A. True
- B. False

Answer: (SHOW ANSWER)

NEW QUESTION: 31

What is the best way to ensure that all data has been removed from a public cloud environment including all media such as back-up tapes?

- A. Practice Integration of Duties (IOD) so that everyone is able to delete the encrypted data.
- B. Keep the keys stored on the client side so that they are secure and so that the users have the ability to delete their own data.
- C. Maintaining customer managed key management and revoking or deleting keys from the key management system to prevent the data from being accessed again.
- D. Both B and D.
- E. Allowing the cloud provider to manage your keys so that they have the ability to access and delete the data from the main and back-up storage.

Answer: C (LEAVE A REPLY)

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NEW QUESTION: 32

Why is a service type of network typically isolated on different hardware?

- A. It requires distinct access controls
- B. It requires unique security
- C. It has distinct functions from other networks
- D. It manages the traffic between other networks
- E. It manages resource pools for cloud consumers

Answer: [\(SHOW ANSWER\)](#)

NEW QUESTION: 33

Which concept provides the abstraction needed for resource pools?

- A. Hypervisor
- B. Applistructure
- C. Metastructure
- D. Virtualization
- E. Orchestration

Answer: [D \(LEAVE A REPLY\)](#)

NEW QUESTION: 34

APIs and web services require extensive hardening and must assume attacks from authenticated and unauthenticated adversaries.

- A. True
- B. False

Answer: [A \(LEAVE A REPLY\)](#)

NEW QUESTION: 35

The containment phase of the incident response lifecycle requires taking systems offline.

- A. False
- B. True

Answer: [B \(LEAVE A REPLY\)](#)

NEW QUESTION: 36

Containers are highly portable code execution environments.

- A. True
- B. False

Answer: [A \(LEAVE A REPLY\)](#)

NEW QUESTION: 37

When deploying Security as a Service in a highly regulated industry or environment, what should both parties agree on in advance and include in the SLA?

- A. The cost per incident for security breaches of regulated information.

- B. The duration of time that a security violation can occur before the client begins assessing regulatory fines.
- C. The regulations that are pertinent to the contract and how to circumvent them.
- D. The type of security software which meets regulations and the number of licenses that will be needed.
- E. The metrics defining the service level required to achieve regulatory objectives.

Answer: E (LEAVE A REPLY)

NEW QUESTION: 38

Which statement best describes the impact of Cloud Computing on business continuity management?

- A. Clients need to do business continuity planning due diligence in case they suddenly need to switch providers.
- B. A general lack of interoperability standards means that extra focus must be placed on the security aspects of migration between Cloud providers.
- C. Geographic redundancy ensures that Cloud Providers provide highly available services.
- D. Customers of SaaS providers in particular need to mitigate the risks of application lock-in.
- E. The size of data sets hosted at a Cloud provider can present challenges if migration to another provider becomes necessary.

Answer: (SHOW ANSWER)

NEW QUESTION: 39

Who is responsible for the security of the physical infrastructure and virtualization platform?

- A. The responsibility is split equally
- B. It depends on the agreement
- C. The cloud provider
- D. The majority is covered by the consumer
- E. The cloud consumer

Answer: C (LEAVE A REPLY)

NEW QUESTION: 40

REST APIs are the standard for web-based services because they run over HTTPS and work well across diverse environments.

- A. False
- B. True

Answer: B (LEAVE A REPLY)

NEW QUESTION: 41

ENISA: An example high risk role for malicious insiders within a Cloud Provider includes

- A. Accounting
- B. Sales
- C. Legal counsel
- D. Auditors
- E. Marketing

Answer: D ([LEAVE A REPLY](#))

NEW QUESTION: 42

How does running applications on distinct virtual networks and only connecting networks as needed help?

- A. It enables you to configure applications around business groups
- B. It locks down access and provides stronger data security
- C. It reduces the blast radius of a compromised system
- D. It reduces hardware costs
- E. It provides dynamic and granular policies with less management overhead

Answer: ([SHOW ANSWER](#))

NEW QUESTION: 43

CCM: A hypothetical start-up company called "ABC" provides a cloud based IT management solution. They are growing rapidly and therefore need to put controls in place in order to manage any changes in their production environment. Which of the following Change Control & Configuration Management production environment specific control should they implement in this scenario?

- A. Policies and procedures shall be established, and supporting business processes and technical measures implemented, to restrict the installation of unauthorized software on organizationally-owned or managed user end-point devices (e.g. issued workstations, laptops, and mobile devices) and IT infrastructure network and systems components.
- B. None of the above
- C. All cloud-based services used by the company's mobile devices or BYOD shall be pre-approved for usage and the storage of company business data.
- D. Policies and procedures shall be established for managing the risks associated with applying changes to business-critical or customer (tenant)-impacting (physical and virtual) applications and system-system interface (API) designs and configurations, infrastructure network and systems components.

Answer: ([SHOW ANSWER](#))

NEW QUESTION: 44

CCM: In the CCM tool, a is a measure that modifies risk and includes any process, policy, device, practice or any other actions which modify risk.

- A. Domain
- B. Control Specification
- C. Risk Impact

Answer: B (LEAVE A REPLY)

NEW QUESTION: 45

Which of the following is a perceived advantage or disadvantage of managing enterprise risk for cloud deployments?

- A. Greater reliance on contracts, audits, and assessments due to lack of visibility or management.
- B. None of the above.
- C. Increased need, but reduction in costs, for managing risks accepted by the cloud provider.
- D. Decreased requirement for proactive management of relationship and adherence to contracts.
- E. More physical control over assets and processes.

Answer: A (LEAVE A REPLY)

NEW QUESTION: 46

What is true of companies considering a cloud computing business relationship?

- A. The cloud computing companies are absolved of all data security and associated risks through contracts and data laws.
- B. The laws protecting customer data are based on the cloud provider and customer location only.
- C. The cloud computing companies own all customer data.
- D. The companies using the cloud providers are the custodians of the data entrusted to them.
- E. The confidentiality agreements between companies using cloud computing services is limited legally to the company, not the provider.

Answer: D (LEAVE A REPLY)

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NEW QUESTION: 47

ENISA: "VM hopping" is:

- A. Instability in VM patch management causing VM routing errors.
- B. Lack of vulnerability management standards.
- C. Using a compromised VM to exploit a hypervisor, used to take control of other VMs.
- D. Improper management of VM instances, causing customer VMs to be commingled with other customer systems.
- E. Looping within virtualized routing systems.

Answer: **C** ([LEAVE A REPLY](#))

NEW QUESTION: 48

Which governance domain focuses on proper and adequate incident detection, response, notification, and remediation?

- A. Compliance and Audit Management
- B. Incident Response, Notification and Remediation
- C. Data Security and Encryption
- D. Information Governance
- E. Infrastructure Security

Answer: ([SHOW ANSWER](#))

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