



EC-Council

Exam Questions 312-40

EC-Council Certified Cloud Security Engineer (CCSE)

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NEW QUESTION 1

Alex Hales works as a cloud security specialist in an IT company. He wants to make his organization's business faster and more efficient by implementing Security Assertion Markup Language (SAML) that will enable employees to securely access multiple applications with a single set of credentials. What is SAML?

- A. It is a YAML-based authentication and authorization standard
- B. It is an HTML based authentication and authorization standard
- C. It is a XML based authentication and authorization standard
- D. It is a JSON based authentication and authorization standard

Answer: C

NEW QUESTION 2

Gabriel Bateman has been working as a cloud security engineer in an IT company for the past 5 years. Owing to the recent onset of the COVID-19 pandemic, his organization has given the provision to work from home to all employees. Gabriel's organization uses Microsoft Office 365 that allows all employees access files, emails, and other Office programs securely from various locations on multiple devices. Who among the following is responsible for patch management in Microsoft Office 365?

- A. Both Gabriel's organization and Microsoft share responsibilities for patch management
- B. Gabriel's organization should outsource patch management to a third party
- C. Gabriel's organization is entirely responsible for patch management
- D. Microsoft is entirely responsible for patch management

Answer: D

NEW QUESTION 3

Global SoftTechSol is a multinational company that provides customized software solutions and services to various clients located in different countries. It uses a public cloud to host its applications and services. Global SoftTechSol uses Cloud Debugger to inspect the current state of a running application in real-time, find bugs, and understand the behavior of the code in production. Identify the service provider that provides the Cloud Debugger feature to Global SoftTechSol?

- A. Google
- B. AWS
- C. IBM
- D. Azure

Answer: A

NEW QUESTION 4

Richard Branson works as a senior cloud security engineer in a multinational company. Owing to the cost-effective security features and services provided by cloud computing, his organization uses cloud-based services. Richard deliberately wants to cause problems in an application/software system deployed in the production environment as a part of the testing strategy and analyze how the application/software system deals with the disruption, detects vulnerabilities, and fixes them. Which of the following refers to the process of experimenting on a software system that is deployed in production to check the system's capability to withstand sudden and unexpected conditions?

- A. Chaos Engineering
- B. Social Engineering
- C. Site Reliability Engineering
- D. Quick-Fix Engineering

Answer: A

NEW QUESTION 5

Bruce McFee works as a cloud security engineer in an IT company. His organization uses AWS cloud-based services. Because Amazon CloudFront offers low-latency and high-speed data delivery through a user-friendly environment, Bruce's organization uses the CloudFront content delivery network (CDN) web service for the fast and secure distribution of data to various customers throughout the world. How does CloudFront accelerate content distribution?

- A. By sending the requests of end users to the nearest edge locations
- B. By restricting the requests of end users from the nearest edge locations
- C. By routing the requests of end users to the original source
- D. By forwarding the requests of end users to the original source

Answer: A

NEW QUESTION 6

Thomas Gibson is a cloud security engineer who works in a multinational company. His organization wants to host critical elements of its applications; thus, if disaster strikes, applications can be restored quickly and completely. Moreover, his organization wants to achieve lower RTO and RPO values. Which of the following disaster recovery approach should be adopted by Thomas' organization?

- A. Warm Standby
- B. Pilot Light approach
- C. Backup and Restore
- D. Multi-Cloud Option

Answer: B

NEW QUESTION 7

Dave Allen works as a cloud security engineer in an IT company located in Baltimore, Maryland. His organization uses cloud-based services; it also uses the Network Watcher regional service to monitor and diagnose problems at the network level. It contains network diagnostic and visualization tools that help in understanding, diagnosing, and obtaining visibility into the network in a cloud environment. This service helped Dave in detecting network vulnerabilities, monitoring network performance, and ensuring secure cloud operations. Which of the following cloud service providers offers the Network Watcher service?

- A. Google
- B. Azure
- C. IBM
- D. AWS

Answer: B

NEW QUESTION 8

Rachel McAdams works as a senior cloud security engineer in a cloud service provider company. Owing to the robust services and security features provided by her organization, the number of cloud consumers continues to increase. To meet the increasing cloud consumer requirements, her organization decided to build more data centers. Therefore, Rachel's organization formed a new team to design and construct data centers. Rachel is also part of the team and was given the responsibility of designing the data center. How can Rachel maintain a stable temperature in the HVAC unit?

- A. Rachel can design HVAC such that the heat generated by the data center equipment is taken outside and cool air to supply the equipment is taken inside
- B. Rachel can design HVAC such that the cool air and heat generated by data center equipment should remain outside to stabilize the temperature
- C. Rachel can design HVAC such that the cool air and heat generated by data center equipment should remain inside to stabilize the temperature
- D. Rachel can design HVAC such that the heat generated by the data center equipment is taken inside and cool air to supply the equipment is taken outside

Answer: A

NEW QUESTION 9

IntSecureSoft Solutions Pvt. Ltd. is an IT company that develops software and applications for various educational institutions. The organization has been using Google cloud services for the past 10 years. Tara Reid works as a cloud security engineer in IntSecureSoft Solutions Pvt. Ltd. She would like to identify various misconfigurations and vulnerabilities such as open storage buckets, instances that have not implemented SSL, and resources without an enabled Web UI. Which of the following is a native scanner in the Security Command Center that assesses the overall security state and activity of virtual machines, containers, network, and storage along with the identity and access management policies?

- A. Log Analytics Workspace
- B. Google Front End
- C. Security Health Analytics
- D. Synapse Analytics

Answer: C

NEW QUESTION 10

Alice, a cloud forensic investigator, has located a relevant evidence during his investigation of a security breach in an organization's Azure environment. As an investigator, he needs to sync different types of logs generated by Azure resources with Azure services for better monitoring. Which Azure logging and auditing feature can enable Alice to record information on the Azure subscription layer and obtain the evidence (information related to the operations performed on a specific resource, timestamp, status of the operation, and the user responsible for it)?

- A. Azure Resource Logs
- B. Azure Storage Analytics Logs
- C. Azure Activity Logs
- D. Azure Active Directory Reports

Answer: C

NEW QUESTION 10

Lexie Roth works as a cloud security engineer in an IT company located in Boston, Massachusetts. Her organization generates a huge amount of data. To increase the storage size, speed, and fault tolerance, Lexie would like to configure and create a RAID. Therefore, she created a RAID on Windows Server 2016, which includes block level striping with a distributed parity. The parity information is distributed among all drives, except one. The data chunks in the RAID are larger than the regular I/O size, but they can be re-sized. To prevent data loss after a drive fails, data are calculated from the distributed parity. The RAID configured by Lexie requires at least three disks, but for robust performance, Lexie used seven disks. Based on the given information, which of the following RAID was configured and created by Lexie?

- A. RAID 3
- B. RAID 5
- C. RAID 1
- D. RAID 0

Answer: B

NEW QUESTION 12

CyTech Private Ltd. is an IT company located in Jacksonville, Florida. The organization would like to eliminate a single point of failure; therefore, in 2017, the organization adopted a cloud computing service model in which the cloud service provider completely handles the failover. CyTech Private Ltd. added automated failover capabilities to its cloud environment and it has been testing the functionality to ensure that it is working efficiently. In which of the following cloud computing service models, failover is completely handled by the cloud service provider?

- A. IaaS
- B. PaaS
- C. SaaS
- D. DaaS

Answer: C

NEW QUESTION 13

Curtis Morgan works as a cloud security engineer in an MNC. His organization uses Microsoft Azure for office-site backup of large files, disaster recovery, and business-critical applications that receive significant traffic, etc.

Which of the following allows Curtis to establish a fast and secure private connection between multiple on-premises or shared infrastructures with Azure virtual private network?

- A. Site-to-Site VPN
- B. Express Route
- C. Azure Front Door
- D. Point-to-Site VPN

Answer: A

NEW QUESTION 18

An organization, PARADIGM PlayStation, moved its infrastructure to a cloud as a security practice. It established an incident response team to monitor the hosted websites for security issues. While examining network access logs using SIEM, the incident response team came across some incidents that suggested that one of their websites was targeted by attackers and they successfully performed an SQL injection attack.

Subsequently, the incident response team made the website and database server offline.

In which of the following steps of the incident response lifecycle, the incident team determined to make that decision?

- A. Analysis
- B. Containment
- C. Coordination and information sharing
- D. Post-mortem

Answer: B

NEW QUESTION 22

Kevin Williamson has been working as a cloud security engineer in a startup IT company. The business performed by his organization does not require live updating. A DRaaS company provided a disaster recovery site to Kevin's organization with little or no equipment, backup services with no network connectivity, it does not perform automatic failover, and involves data synchronization with a high risk of data loss. Based on the given information, which of the following disaster recovery sites is provided by the DRaaS company to Kevin's organization?

- A. Hot Site
- B. Warm Site
- C. Remote site
- D. Cold Site

Answer: D

NEW QUESTION 23

Shannon Elizabeth works as a cloud security engineer in VicPro Soft Pvt. Ltd. Microsoft Azure provides all cloud-based services to her organization. Shannon created a resource group (ProdRes), and then created a virtual machine (myprodev) in the resource group. On myprodev virtual machine, she enabled JIT from the Azure Security Center dashboard. What will happen when Shannon enables JIT VM access?

- A. It locks down the inbound traffic from myprodev by creating a rule in the network security group
- B. It locks down the inbound traffic to myprodev by creating a rule in the Azure firewall
- C. It locks down the outbound traffic from myprodev by creating a rule in the network security group
- D. It locks down the outbound traffic to myprodev by creating a rule in the Azure firewall

Answer: B

NEW QUESTION 26

Coral IT Systems is a multinational company that consumes cloud services. As a cloud service consumer (CSC), the organization should perform activities such as selecting, monitoring, implementing, reporting, and securing the cloud services. The CSC and cloud service provider (CSP) have a business relationship in which the CSP delivers cloud services to the CSC. Which cloud governance role is applicable to the organization?

- A. Cloud auditor
- B. Cloud service manager
- C. Cloud service administrator
- D. Cloud service deployment manager

Answer: B

NEW QUESTION 30

The organization TechWorld Ltd. used cloud for its business. It operates from an EU country (Poland and Greece). Currently, the organization gathers and processes the data of only EU users. Once, the organization experienced a severe security breach, resulting in loss of critical user data. In such a case, along with its cloud service provider, the organization should be held responsible for non-compliance or breaches. Under which cloud compliance framework will the company and cloud provider be penalized?

- A. GDPR
- B. NIST
- C. ITAR
- D. HIPAA

Answer: C

NEW QUESTION 34

A mid-sized company uses Azure as its primary cloud provider for its infrastructure. Its cloud security analysts are responsible for monitoring security events across multiple Azure resources (subscriptions, VMs, Storage, and SQL databases) and getting threat intelligence and intelligent security analytics throughout their organization. Which Azure service would the security analysts use to achieve their goal of having a centralized view of all the security events and alerts?

- A. Azure RBAC
- B. Azure Monitor
- C. Azure Sentinel
- D. Azure CDN

Answer: C

NEW QUESTION 39

Elaine Grey has been working as a senior cloud security engineer in an IT company that develops software and applications related to the financial sector. Her organization would like to extend its storage capacity and automate disaster recovery workflows using a VMware private cloud. Which of the following storage options can be used by Elaine in the VMware virtualization environment to connect a VM directly to a LUN and access it from SAN?

- A. File Storage
- B. Object Storage
- C. Raw Storage
- D. Ephemeral Storage

Answer: C

NEW QUESTION 44

Terry Diab has an experience of 6 years as a cloud security engineer. She recently joined a multinational company as a senior cloud security engineer. Terry learned that there is a high probability that her organizational applications could be hacked and user data such as passwords, usernames, and account information can be exploited by an attacker. The organizational applications have not yet been hacked, but this issue requires urgent action. Therefore, Terry, along with her team, released a software update that is designed to resolve this problem instantly with a quick-release procedure. Terry successfully fixed the problem (bug) in the software product immediately without following the normal quality assurance procedures. Terry's team resolved the problem immediately on the live system with zero downtime for users. Based on the given information, which of the following type of update was implemented by Terry?

- A. Patch
- B. Rollback
- C. Hotfix
- D. Version update

Answer: A

NEW QUESTION 45

Ocular Private Ltd. is an IT company that develops software related to graphic design. The organization has been using Google cloud services. Margot Robbie has been working as a cloud security engineer in Ocular Private Ltd. over the past three years. She uses the CCP Cloud Operations Suite (formerly Stack Driver) logging and monitoring tool to monitor and debug CCP hosted applications. Margot would like to monitor a compute engine instance with cloud monitoring; therefore, she created a compute engine instance, then she installed the cloud monitoring agent. Which of the following command can Margot use to start the cloud monitoring agent?

- A. `sudo stackdriver.agent start`
- B. `sudo service stackdriver-agent start`
- C. `sudo stackdriver-agent start`
- D. `sudo service stackdriver.agent start`

Answer: B

NEW QUESTION 47

Kenneth Danziger has been working as a cloud security engineer in a multinational company. His organization uses AWS cloud-based services. Kenneth would like to review the changes in configuration and the relationships between AWS resources, examine the detailed resource configuration history, and determine the overall compliance of his organization against the configurations specified in internal guidelines. Which of the following AWS services enables Kenneth to assess, audit, and evaluate the configuration of AWS resources?

- A. AWS CloudTrail
- B. AWS CloudFormation
- C. AWS Config
- D. AWS Security Hub

Answer: C

NEW QUESTION 50

The cloud administrator John was assigned a task to create a different subscription for each division of his organization. He has to ensure all the subscriptions are linked to a single Azure AD tenant and each subscription has identical role assignments. Which Azure service will he make use of?

- A. Azure AD Privileged Identity Management
- B. Azure AD Multi-Factor Authentication
- C. Azure AD Identity Protection
- D. Azure AD Self-Service Password Reset

Answer: A

NEW QUESTION 55

Steven Smith has been working as a cloud security engineer in an MNC for the past 4 years. His organization uses AWS cloud-based services. Steven handles a complex application on AWS that has several resources and it is difficult for him to manage these resources. Which of the following AWS services allows Steven to make a set of related AWS resources easily and use or provision them in an orderly manner so that he can spend less time managing resources and more time on the applications that run in the AWS environment?

- A. AWS CloudFormation
- B. AWS Control Tower
- C. AWS Config
- D. Amazon CloudFront

Answer: A

NEW QUESTION 57

A client wants to restrict access to its Google Cloud Platform (GCP) resources to a specified IP range by making a trust-list. Accordingly, the client limits GCP access to users in its organization network or grants company auditors access to a requested GCP resource only. Which of the following GCP services can help the client?

- A. Cloud IDS
- B. VPC Service Controls
- C. Cloud Router
- D. Identity and Access Management

Answer: B

NEW QUESTION 58

Teresa Palmer has been working as a cloud security engineer in a multinational company. Her organization contains a huge amount of data; if these data are transferred to AWS S3 through the internet, it will take weeks. Teresa's organization does not want to spend money on upgrading its internet to a high-speed internet connection. Therefore, Teresa has been sending large amounts of backup data (terabytes to petabytes) to AWS from on-premises using a physical device, which was provided by Amazon. The data in the physical device are imported and exported from and to AWS S3 buckets. This method of data transfer is cost-effective, secure, and faster than the internet for her organization. Based on the given information, which of the following AWS services is being used by Teresa?

- A. AWS Elastic Beanstalk
- B. AWS Storage Gateway Volumes
- C. AWS Storage Gateway Tapes
- D. AWS Snowball

Answer: D

NEW QUESTION 60

SevocSoft Private Ltd. is an IT company that develops software and applications for the banking sector. The security team of the organization found a security incident caused by misconfiguration in Infrastructure-as-Code (IaC) templates. Upon further investigation, the security team found that the server configuration was built using a misconfigured IaC template, which resulted in security breach and exploitation of the organizational cloud resources. Which of the following would have prevented this security breach and exploitation?

- A. Testing of IaC Template
- B. Scanning of IaC Template
- C. Striping of IaC Template
- D. Mapping of IaC Template

Answer: B

NEW QUESTION 63

Dustin Hoffman works as a cloud security engineer in a healthcare company. His organization uses AWS cloud-based services. Dustin would like to view the security alerts and security posture across his organization's AWS account. Which AWS service can provide aggregated, organized, and prioritized security alerts from AWS services such as GuardDuty, Inspector, Macie, IAM Analyzer, Systems Manager, Firewall Manager, and AWS Partner Network to Dustin?

- A. AWS Config
- B. AWS CloudTrail
- C. AWS Security Hub
- D. AWS CloudFormation

Answer: C

NEW QUESTION 65

YourTrustedCloud is a cloud service provider that provides cloud-based services to several multinational companies. The organization adheres to various frameworks and standards. YourTrustedCloud stores and processes credit card and payment-related data in the cloud environment and ensures the security of transactions and the credit card processing system. Based on the given information, which of the following standards does YourTrustedCloud adhere to?

- A. CLOUD
- B. FERPA
- C. GLBA
- D. PCI DSS

Answer: D

NEW QUESTION 67

Daffod is an American cloud service provider that provides cloud-based services to customers worldwide. Several customers are adopting the cloud services provided by Daffod because they are secure and cost-effective. Daffod complies with the cloud computing law enacted in the US to realize the importance of information security in the economic and national security interests of the US. Based on the given information, which law order does Daffod adhere to?

- A. FERPA
- B. CLOUD
- C. FISMA
- D. ECPA

Answer: C

NEW QUESTION 72

Melissa George is a cloud security engineer in an IT company. Her organization has adopted cloud-based services. The integration of cloud services has become significantly complicated to be managed by her organization. Therefore, her organization requires a third-party to consult, mediate, and facilitate the selection of a solution. Which of the following NIST cloud deployment reference architecture actors manages cloud service usage, performance, and delivery, and maintains the relationship between the CSPs and cloud consumers?

- A. Cloud Auditor
- B. Cloud Carrier
- C. Cloud Provider
- D. Cloud Broker

Answer: D

NEW QUESTION 74

SecureSoft IT Pvt. Ltd. is an IT company located in Charlotte, North Carolina, that develops software for the healthcare industry. The organization generates a tremendous amount of unorganized data such as video and audio files. Kurt recently joined SecureSoft IT Pvt. Ltd. as a cloud security engineer. He manages the organizational data using NoSQL databases. Based on the given information, which of the following data are being generated by Kurt's organization?

- A. Metadata
- B. Structured Data
- C. Unstructured Data
- D. Semi-Structured Data

Answer: C

NEW QUESTION 78

Michael Keaton has been working as a cloud security specialist in a multinational company. His organization uses Google Cloud. Keaton has launched an application in n1-standard-1 (1 vCPU, 3.75 GB memory) instance.

Over the past three weeks, the instance has had low memory utilization. Which of the following machine type switching is recommended for Keaton?

- A. g1-small (1 vCPU, 1.7 GB memory)
- B. n1-standard-2 (2 vCPU, 7.5 GB memory)
- C. f1-micro (1 vCPU, 614 GB memory)
- D. n1-standard-1 (1 vCPU, 3.75 GB memory)

Answer: A

NEW QUESTION 83

Ryan has worked as a senior cloud security engineer over the past five years in an IT company. His organization uses Google cloud-based services because it provides live migration of VM, improved performance, robust security, better pricing compared to competitors. Ryan is using Cloud Endpoints to protect and manage APIs. Using Cloud Endpoints, he is controlling access to APIs and validating every call with web tokens and Google API keys. Which of the following web tokens can validate every call in Cloud Endpoints?

- A. SAML
- B. JSON
- C. XML organization uses Google cloud-based services
- D. HTML

Answer: B

NEW QUESTION 87

Rick Warren has been working as a cloud security engineer in an IT company for the past 4 years. Owing to the robust security features and various cost-effective services offered by AWS, in 2010, his organization migrated to the AWS cloud environment. While inspecting the intrusion detection system, Rick detected a security incident. Which of the following AWS services collects logs from various data sources and stores them on a centralized location as logs files that can be used during forensic investigation in the event of a security incident?

- A. Amazon CloudWatch
- B. AWS CloudFormation
- C. Amazon CloudFront
- D. Amazon CloudTrail

Answer: A

NEW QUESTION 90

Katie Holmes has been working as a cloud security engineer over the past 7 years in an MNC. Since the outbreak of the COVID-19 pandemic, the cloud service provider could not provide cloud services efficiently to her organization. Therefore, Katie suggested to the management that they should design and build their own data center. Katie's requisition was approved, and after 8 months, Katie's team successfully designed and built an on-premises data center. The data center meets all organizational requirements; however, the capacity components are not redundant. If a component is removed, the data center comes to a halt. Which tier data center was designed and constructed by Katie's team?

- A. Tier III
- B. Tier I
- C. Tier IV
- D. Tier II

Answer: B

NEW QUESTION 95

Global CyberSec Pvt. Ltd. is an IT company that provides software and application services related to cybersecurity. Owing to the robust security features offered by Microsoft Azure, the organization adopted the Azure cloud environment. A security incident was detected on the Azure cloud platform. Global CyberSec Pvt. Ltd.'s security team examined the log data collected from various sources. They found that the VM was affected. In this scenario, when should the backup copy of the snapshot be taken in a blob container as a page blob during the forensic acquisition of the compromised Azure VM?

- A. After deleting the snapshot from the source resource group
- B. Before mounting the snapshot onto the forensic workstation
- C. After mounting the snapshot onto the forensic workstation
- D. Before deleting the snapshot from the source resource group

Answer: D

NEW QUESTION 97

Cosmic IT Services wants to migrate to cloud computing. Before migrating to the cloud, the organization must set business goals for cloud computing as per the guidelines of a standard IT governance body. Which standard IT governance body can help the organization to set business goals and objectives for cloud computing by offering the IT governance named COBIT (Control Objective for Information and Related Technology)?

- A. International Standards Organization (ISO)
- B. Cloud Security Alliance (CSA)
- C. Information System Audit and Control Association (ISACA)
- D. Committee of Sponsoring Organizations (COSO)

Answer: C

NEW QUESTION 101

Shell Solutions Pvt. Ltd. is an IT company that develops software products and services for BPO companies. The organization became a victim of a cybersecurity attack. Therefore, it migrated its applications and workloads from on-premises to a cloud environment. Immediately, the organization established an incident response team to prevent such incidents in the future. Using intrusion detection system and antimalware software, the incident response team detected a security incident and mitigated the attack. The team recovered the resources from the incident and identified various vulnerabilities and flaws in their cloud environment. Which step of the incident response lifecycle includes the lessons learned from previous attacks and analyzes and documents the incident to understand what should be improved?

- A. Analysis
- B. Post-mortem
- C. Coordination and Information Sharing
- D. Preparation

Answer: B

NEW QUESTION 104

A document has an organization's classified information. The organization's Azure cloud administrator has to send it to different recipients. If the email is not protected, this can be opened and read by any user. So the document should be protected and it will only be opened by authorized users. In this scenario, which Azure service can enable the admin to share documents securely?

- A. Azure Information Protection
- B. Azure Key Vault
- C. Azure Resource Manager
- D. Azure Content Delivery Network

Answer: A

NEW QUESTION 108

Falcon Computers is an IT company that runs its IT infrastructure on the cloud. The organization must implement cloud governance in its corporate cloud environment to align its business vision with the cloud vision. Which of the following cloud governance components can help the organization to align the cloud vision and business vision?

- A. Cloud center of excellence
- B. Norms, models, reference architectures, best practices, guidelines, and policies
- C. Processes for the cloud service lifecycle
- D. Cloud business office

Answer: A

NEW QUESTION 109

William O'Neil works as a cloud security engineer in an IT company located in Tampa, Florida. To create an access key with normal user accounts, he would like to test whether it is possible to escalate privileges to obtain AWS administrator account access. Which of the following commands should William try to create a new user access key ID and secret key for a user?

- A. `aws iam target_user -user-name create-access-key`
- B. `aws iam create-access-key -user-name target_user`
- C. `aws iam create-access-key target_user -user-name`
- D. `aws iam -user-name target_user create-access-key`

Answer: A

NEW QUESTION 112

Sandra Oliver has been working as a cloud security engineer in an MNC. Her organization adopted the Microsoft Azure cloud environment owing to its on-demand scalability, robust security, and high availability features. Sandra's team leader assigned her the task to increase the availability of organizational applications; therefore, Sandra is looking for a solution that can be utilized for distributing the traffic to backend Azure virtual machines based on the attributes of the HTTP request received from clients. Which of the following Azure services fulfills Sarah's requirements?

- A. Azure Application Gateway
- B. Azure Sentinel
- C. Azure ExpressRoute
- D. Azure Front Door

Answer: A

NEW QUESTION 117

Richard Roxburgh works as a cloud security engineer in an IT company. His organization was dissatisfied with the services of its previous cloud service provider. Therefore, in January 2020, his organization adopted AWS cloud-based services and shifted all workloads and data in the AWS cloud. Richard wants to provide complete security to the hosted applications before deployment and while running in the AWS ecosystem. Which of the following automated security assessment services provided by AWS can be used by Richard to improve application security and check the application for any type of vulnerability or deviation from the best practices automatically?

- A. AWS CloudFormation
- B. Amazon Inspector
- C. AWS Control Tower
- D. Amazon CloudFront

Answer: B

NEW QUESTION 121

An Azure organization wants to enforce its on-premises AD security and password policies to filter brute-force attacks. Instead of using legacy authentication, the users should sign in to on-premises and cloud-based applications using the same passwords in Azure AD. Which Azure AD feature can enable users to access Azure resources?

- A. Azure Automation
- B. Azure AD Connect
- C. Azure AD Pass Through Authentication
- D. Azure Policy

Answer: C

NEW QUESTION 123

Richard Branson works as a senior cloud security engineer in a multinational company. Richard wants to see the actions performed on AWS resources, the services accessed, users who made requests, and the users or services that performed an action on an AWS service. Which of the following AWS services will provide a log of all system and user actions that affect AWS resources within Richard's organizational AWS account?

- A. Amazon Route 53 Security
- B. Amazon CloudFront Security
- C. Amazon CloudTrail Security
- D. Amazon CloudWatch Security

Answer: D

NEW QUESTION 126

Andrew Gerrard has been working as a cloud security engineer in an MNC for the past 3 years. His organization uses cloud-based services and it has implemented a DR plan. Andrew wants to ensure that the DR plan works efficiently and his organization can recover and continue with its normal operation when a disaster strikes.

Therefore, the owner of the DR plan, Andrew, and other team members involved in the development and implementation of the DR plan examined it to determine the inconsistencies and missing elements. Based on the given scenario, which of the following type of DR testing was performed in Andrew's organization?

- A. Plan Review
- B. Simulation
- C. Stimulation
- D. Table-top exercise

Answer: A

NEW QUESTION 130

Rufus Sewell, a cloud security engineer with 5 years of experience, recently joined an MNC as a senior cloud security engineer. Owing to the cost-effective security features and storage services provided by AWS, his organization has been using AWS cloud-based services since 2014. To create a RAID, Rufus created an Amazon EBS volume for the array and attached the EBS volume to the instance where he wants to host the array. Using the command line, Rufus successfully created a RAID. The array exhibits noteworthy performance both in read and write operations with no overhead by parity control and the entire storage capacity of the array is used.

The storage capacity of the RAID created by Rufus is equal to the sum of disk capacity in the set, but the array is not fault tolerant. It is ideal for non-critical cloud data storage that must be read/written at a high speed.

Based on the given information, which of the following RAID is created by Rufus?

- A. RAID 0
- B. RAID 5
- C. RAID 1
- D. RAID 6

Answer: A

NEW QUESTION 131

You are the manager of a cloud-based security platform that offers critical services to government agencies and private companies. One morning, your team receives an alert from the platform's intrusion detection system indicating that there has been a potential breach in the system. As the manager, which tool you will use for viewing and monitoring the sensitive data by scanning storage systems and reviewing the access rights to critical resources via a single centralized dashboard?

- A. Google Cloud Security Command Center
- B. Google Cloud Security Scanner
- C. Cloud Identity and Access Management (IAM)
- D. Google Cloud Armor

Answer: A

NEW QUESTION 132

Trevor Noah works as a cloud security engineer in an IT company located in Seattle, Washington. Trevor has implemented a disaster recovery approach that runs a scaled-down version of a fully functional environment in the cloud. This method is most suitable for his organization's core business-critical functions and solutions that require the RTO and RPO to be within minutes. Based on the given information, which of the following disaster recovery approach is implemented by Trevor?

- A. Backup and Restore
- B. Multi-Cloud Option
- C. Pilot Light approach
- D. Warm Standby

Answer: D

NEW QUESTION 135

The e-commerce platform www.evoucher.com observes overspending 15% to 30% due to unawareness of the mistakes in threat detection and security governance while using the services of its cloud provider AWS. It feels it requires a well-thought-out roadmap to improve its cloud journey. How can the company accelerate its cloud journey with desired outcomes and business value?

- A. By following AWS CAF
- B. By following AWS SMPM
- C. By following AWS IAM
- D. By following Amazon ELB

Answer: A

NEW QUESTION 137

Cindy Williams has been working as a cloud security engineer in an IT company situated in Austin, Texas. Owing to the robust security and cost-effective features provided by AWS, her organization adopted AWS cloud-based services. Cindy has deployed an application in the Amazon Elastic Compute Cloud (EC2) instance. Which of the following cloud computing service model does the Amazon EC2 instance represent?

- A. PaaS
- B. IaaS
- C. SaaS
- D. DaaS

Answer: B

NEW QUESTION 141

Richard Harris works as a senior cloud security engineer in a multinational company. His organization uses Microsoft Azure cloud-based services. Richard would like to manage, control, and monitor the access to important resources in his organization. Which service in Azure AD can enable Richard to manage, control, and monitor the access to resources in Azure. Azure AD, and other Microsoft online services such as Microsoft Intune or Microsoft 365?

- A. Privileged Identity Management
- B. Federated Identity Management
- C. Privileged Access Management
- D. System for Cross-Domain Identity Management

Answer: A

NEW QUESTION 144

On database system of a hospital maintains rarely-accessed patients' data such as medical records including high-resolution images of ultrasound reports, MRI scans, and X-Ray reports for years. These records occupy a lot of space and need to be kept safe as it contains sensitive medical data. Which of the following Azure storage services best suitable for such rarely-accessed data with flexible latency requirement?

- A. Azure Backup: Restore-as-a-Service
- B. Azure File Sync
- C. Azure Archive Storage
- D. Azure Recovery Services Vault

Answer: C

NEW QUESTION 146

Georgia Lyman is a cloud security engineer; she wants to detect unusual activities in her organizational Azure account. For this, she wants to create alerts for unauthorized activities with their severity level to prioritize the alert that should be investigated first. Which Azure service can help her in detecting the severity and creating alerts?

- A. Windows Defender
- B. Cloud Operations Suite
- C. Microsoft Defender for Cloud
- D. Cloud DLP

Answer: C

NEW QUESTION 147

VoxCloPro is a cloud service provider based in South America that offers all types of cloud-based services to cloud consumers. The cloud-based services provided by VoxCloPro are secure and cost-effective. Terra Soft. Pvt. Ltd. is an IT company that adopted the cloud-based services of VoxCloPro and transferred the data and applications owned by the organization from on-premises to the VoxCloPro cloud environment. According to the data protection laws of Central and South American countries, who among the following is responsible for ensuring the security and privacy of personal data?

- A. Cloud Carrier
- B. Cloud Broker
- C. Terra Sof
- D. Pv
- E. Ltd
- F. VoxCloPro

Answer: D

NEW QUESTION 152

Jordon Bridges works as a cloud security engineer in a multinational company. His organization uses Google cloud-based services (GC) because Google cloud provides robust security services, better pricing than competitors, improved performance, and redundant backup. Using IAM security configuration, Jordon implemented the principle of least privilege. A GC IAM member could be a Google account, service account, Google group, G Suite, or cloud identity domain with an identity to access Google cloud resources. Which of the following identities is used by GC IAM members to access Google cloud resources?

- A. For Google Account, Google group, and service account, the identity used is the domain name, whereas in G Suite and cloud identity domain, the identity used is an email address.
- B. For Google Account, Google group, and service account, the identity used is an email address, whereas in G Suite and cloud identity domain, the identity used is the domain name.
- C. For Google Account, Google group, and G suite, the identity used is the domain name, whereas in service account and cloud identity domain, the identity used is an email address.
- D. For Google Account, Google group, and G suite, the identity used is an email address, whereas in service account and cloud identity domain, the identity used is the domain name.

Answer: B

NEW QUESTION 153

The GCP environment of a company named Magnitude IT Solutions encountered a security incident. To respond to the incident, the Google Data Incident Response Team was divided based on the different aspects of the incident. Which member of the team has an authoritative knowledge of incidents and can be involved in different domains such as security, legal, product, and digital forensics?

- A. Operations Lead
- B. Subject Matter Experts
- C. Incident Commander
- D. Communications Lead

Answer: B

NEW QUESTION 158

Rebecca Gibel has been working as a cloud security engineer in an IT company for the past 5 years. Her organization uses cloud-based services. Rebecca's organization contains personal information about its clients, which is encrypted and stored in the cloud environment. The CEO of her organization has asked Rebecca to delete the personal information of all clients who utilized their services between 2011 and 2015. Rebecca deleted the encryption keys that are used to encrypt the original data; this made the data unreadable and unrecoverable. Based on the given information, which deletion method was implemented by Rebecca?

- A. Data Scrubbing
- B. Nulling Out

- C. Data Erasure
- D. Crypto-Shredding

Answer: D

NEW QUESTION 161

An organization uses AWS for its operations. It is observed that the organization's EC2 instance is communicating with a suspicious port. Forensic investigators need to understand the patterns of the current security breach. Which log source on the AWS platform can provide investigators with data of evidentiary value during their investigation?

- A. Amazon CloudTrail
- B. Amazon CloudWatch
- C. Amazon VPC flow logs
- D. S3 Server Access Logs

Answer: C

NEW QUESTION 163

Sandra, who works for SecAppSol Technologies, is on a vacation. Her boss asked her to solve an urgent issue in an application. Sandra had to use applications present on her office laptop to solve this issue, and she successfully rectified it. Despite being in a different location, she could securely use the application. What type of service did the organization use to ensure that Sandra could access her office laptop from a remote area?

- A. Amazon AppStream 2.0
- B. Amazon Elastic Transcoder Service
- C. Amazon SQS
- D. Amazon Simple Workflow

Answer: A

NEW QUESTION 167

VenturiaCloud is a cloud service provider that offers robust and cost-effective cloud-based services to cloud consumers. The organization became a victim of a cybersecurity attack. An attacker performed a DDoS attack over the cloud that caused failure in the entire cloud environment. VenturiaCloud conducted a forensics investigation. Who among the following are the first line of defense against cloud security attacks with their primary role being responding against any type of security incident immediately?

- A. Law Advisors
- B. Incident Handlers
- C. Investigators
- D. IT Professionals

Answer: D

NEW QUESTION 168

Karen Gillan has recently joined an IT company as a cloud security engineer. Her organization would like to adopt cloud-based services to provide 24 x 7 customer support to its clients. It wants to transfer its customer database and transaction details along with the applications used for managing and supporting its customers. Before migrating to cloud, which of the following analyses should be performed by Karen on the security capabilities and services provided by cloud service providers to understand the security requirements of the organization and those provided by the cloud service provider?

- A. Gap Analysis
- B. Domain Analysis
- C. Business Impact Analysis
- D. Artificial Intelligence Analysis

Answer: C

NEW QUESTION 173

Brentech Services allows its clients to access (read, write, or delete) Google Cloud Storage resources for a limited time without a Google account while it controls access to Cloud Storage. How does the organization accomplish this?

- A. Using BigQuery column-level security
- B. Using Signed Documents
- C. Using Signed URLs
- D. Using BigQuery row-level-security

Answer: C

NEW QUESTION 178

Kevin Ryan has been working as a cloud security engineer over the past 2 years in a multinational company, which uses AWS-based cloud services. He launched an EC2 instance with Amazon Linux AMI. By disabling password-based remote logins, Kevin wants to eliminate all possible loopholes through which an attacker can exploit a user account remotely. To disable password-based remote logins, using the text editor, Kevin opened the `/etc/ssh/sshd_config` file and found the `#PermitRootLogin yes` line. Which of the following command lines should Kevin use to change the `#PermitRootLogin yes` line to disable password-based remote logins?

- A. `PermitRootLogin without-password`
- B. `PermitRootLogin without-password/disable`
- C. `PermitRootLogin without-password`
- D. `PermitRootLogin without-password/disable`

Answer: A

NEW QUESTION 182

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