

EC-Council

Exam Questions 312-40

EC-Council Certified Cloud Security Engineer (CCSE)



NEW QUESTION 1

Stephen Cyrus has been working as a cloud security engineer in an MNC over the past 7 years. The database administration team requested Stephen to configure a server instance that can enhance the performance of their new database server running on Compute Engine. The database is built on MySQL running on Debian Linux and it is used to import and normalize the company's performance statistics. They have an n2-standard-8 virtual machine with 80 GB of SSD zonal persistent disk, which cannot be restarted until the next maintenance event. Which of the following can help Stephen to enhance the performance of this VM quickly and in a cost-effective manner?

- A. Dynamically resize the SSD persistent disk to 500 GB
- B. Enhance the VM memory to 60 GB
- C. Migrate their performance metrics warehouse to BigQuery
- D. Create a new VM that runs on PostgreSQL

Answer: A

NEW QUESTION 2

A web server passes the reservation information to an application server and then the application server queries an Airline service. Which of the following AWS service allows secure hosted queue server-side encryption (SSE), or uses custom SSE keys managed in AWS Key Management Service (AWS KMS)?

- A. Amazon Simple Workflow
- B. Amazon SQS
- C. Amazon SNS
- D. Amazon CloudSearch

Answer: B

NEW QUESTION 3

TetraSoft Pvt. Ltd. is an IT company that provides software and application services to numerous customers across the globe. In 2015, the organization migrated its applications and data from on-premises to the AWS cloud environment. The cloud security team of TetraSoft Pvt. Ltd. suspected that the EC2 instance that launched the core application of the organization is compromised. Given below are randomly arranged steps involved in the forensic acquisition of an EC2 instance. In this scenario, when should the investigators ensure that a forensic instance is in the terminated state?

- A. After creating evidence volume from the snapshot
- B. Before taking a snapshot of the EC2 instance
- C. Before attaching evidence volume to the forensic instance
- D. After attaching evidence volume to the forensic instance

Answer: C

NEW QUESTION 4

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 5

Samuel Jackson has been working as a cloud security engineer for the past 12 years in VolkSec Pvt. Ltd., whose applications are hosted in a private cloud. Owing to the increased number of users for its services, the organization is finding it difficult to manage the on-premises data center. To overcome scalability and data storage issues, Samuel advised the management of his organization to migrate to a public cloud and shift the applications and data. Once the suggestion to migrate to public cloud was accepted by the management, Samuel was asked to select a cloud service provider. After extensive research on the available public cloud service providers, Samuel made his recommendation. Within a short period, Samuel along with his team successfully transferred all applications and data to the public cloud. Samuel's team would like to configure and maintain the platform, infrastructure, and applications in the new cloud computing environment. Which component of a cloud platform and infrastructure provides tools and interfaces to Samuel's team for configuring and maintaining the platform, infrastructure, and application?

- A. Physical and Environment Component
- B. Compute Component
- C. Management Component
- D. Virtualization Component

Answer: C

NEW QUESTION 6

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 7

An organization is developing a new AWS multi-tier web application with complex queries and table joins. However, because the organization is small with limited staff, it requires high availability. Which of the following Amazon services is suitable for the requirements of the organization?

- A. Amazon HSM
- B. Amazon Snowball
- C. Amazon Glacier
- D. Amazon DynamoDB

Answer: D

NEW QUESTION 8

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 9

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 10

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 10

Maria Howell has been working as a senior cloud security engineer in an IoT manufacturing company. Her organization designs, develops, and tests IoT devices. It uses Microsoft Azure cloud-based services. Maria had no knowledge of data science and the various ML and AI models used for data analysis, but she would like to analyze the time-series data generated from IoT devices to monitor and identify abnormalities. Which of the following is an AI-based Azure service that can help Maria in monitoring and identifying the abnormalities in time series data without requiring any knowledge of machine learning?

- A. Application Insights
- B. Azure Sentinel
- C. Cloud App Security
- D. Anomaly Detector

Answer: B

NEW QUESTION 15

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 20

SecAppSol Pvt. Ltd. is a cloud software and application development company located in Louisville, Kentucky. The security features provided by its previous cloud service provider was not satisfactory, and in 2012, the organization became a victim of eavesdropping. Therefore, SecAppSol Pvt. Ltd. changed its cloud service provider and adopted AWS cloud-based services owing to its robust and cost-effective security features. How does SecAppSol Pvt. Ltd.'s security team encrypt the traffic between the load balancer and client that initiate SSL or TLS sessions?

- A. By enabling Amazon GuardDuty
- B. By enabling HTTPS listener
- C. By enabling Cloud Identity Aware Proxy
- D. By enabling RADIUS Authentication

Answer: B

NEW QUESTION 23

A large e-commerce company named ShopZone uses GCP to host its online store. Recently, the company noticed several errors reported by customers while trying to make purchases on their website. They suspect that there may be some issue with the payment processing system. To investigate this issue, the cloud forensic team of the company decided to look at the logs for the payment processing system and identify anomalies that may be causing the problem. Which of the following GCP log categories helps the team gain the relevant information?

- A. Component Logs
- B. User-written logs
- C. Platform logs
- D. Security logs

Answer: C

NEW QUESTION 25

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 (myprodevm) in the resource group. On myprodevm 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 myprodevm by creating a rule in the network security group
- B. It locks down the inbound traffic to myprodevm by creating a rule in the Azure firewall
- C. It locks down the outbound traffic from myprodevm by creating a rule in the network security group
- D. It locks down the outbound traffic to myprodevm by creating a rule in the Azure firewall

Answer: B

NEW QUESTION 29

A security incident has occurred within an organization's AWS environment. A cloud forensic investigation procedure is initiated for the acquisition of forensic evidence from the compromised EC2 instances. However, it is essential to abide by the data privacy laws while provisioning any forensic instance and sending it for analysis. What can the organization do initially to avoid the legal implications of moving data between two AWS regions for analysis?

- A. Create evidence volume from the snapshot
- B. Provision and launch a forensic workstation
- C. Mount the evidence volume on the forensic workstation
- D. Attach the evidence volume to the forensic workstation

Answer: B

NEW QUESTION 32

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 35

An organization with resources on Google Cloud regularly backs up its service capabilities to ensure high availability and reduce the downtime when a zone or instance becomes unavailable owing to zonal outage or memory shortage in an instance. However, as protocol, the organization must frequently test whether these regular backups are configured. Which tool's high availability settings must be checked for this?

- A. MySQL Database
- B. Always on Availability Groups (AGs)
- C. SQL Server Database Mirroring (DBM)
- D. Google Cloud SQL

Answer: D

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 41

A BPO company would like to expand its business and provide 24 x 7 customer service. Therefore, the organization wants to migrate to a fully functional cloud environment that provides all features with minimum maintenance and administration. Which cloud service model should it consider?

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

Answer: D

NEW QUESTION 44

In a tech organization's cloud environment, an adversary can rent thousands of VM instances for launching a DDoS attack. The criminal can also keep secret documents such as terrorist and illegal money transfer docs in the cloud storage. In such a situation, when a forensic investigation is initiated, it involves several stakeholders (government members, industry partners, third-parties, and law enforcement). In this scenario, who acts as the first responder for the security issue on the cloud?

- A. Incident Handlers
- B. External Assistance
- C. Investigators
- D. IT Professionals

Answer: A

NEW QUESTION 45

An AWS customer was targeted with a series of HTTPS DDoS attacks, believed to be the largest layer 7 DDoS reported to date. Starting around 10 AM ET on March 1, 2023, more than 15,500 requests per second (rps) began targeting the AWS customer's load balancer. After 10 min, the number of requests increased to 2,50,000 rps.

This attack resembled receiving the entire daily traffic in only 10s. An AWS service was used to sense and mitigate this DDoS attack as well as prevent bad bots and application vulnerabilities. Identify which of the following AWS services can accomplish this.

- A. AWS Amazon Direct Connect
- B. Amazon CloudFront
- C. AWS Shield Standard
- D. AWS EBS

Answer: C

NEW QUESTION 49

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 52

GlobalCloud is a cloud service provider that offers various cloud-based secure and cost-effective services to cloud consumers. The customer base of this organization increased within a short period; thus, external auditing was performed on GlobalCloud. The auditor used spreadsheets, databases, and data analyzing software to analyze a large volume of data. Based on the given information, which cloud-based audit method was used by the auditor to collect the objective evidence?

- A. Gap Analysis
- B. CAAT
- C. Striping
- D. Re-Performance

Answer: B

NEW QUESTION 54

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 57

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 60

Tom Holland works as a cloud security engineer in an IT company located in Lansing, Michigan. His organization has adopted cloud-based services wherein user access, application, and data security are the responsibilities of the organization, and the OS, hypervisor, physical, infrastructure, and network security are the responsibilities of the cloud service provider. Based on the aforementioned cloud security shared responsibilities, which of the following cloud computing service models is enforced in Tom's organization?

- A. Infrastructure-as-a-Service
- B. Platform-as-a-Service
- C. On-Premises
- D. Software-as-a-Service

Answer: B

NEW QUESTION 63

An organization wants to implement a zero-trust access model for its SaaS application on the GCP as well as its on-premises applications. Which of the following GCP services can be used to eliminate the need for setting up a company-wide VPN and implement the RBAC feature to verify employee identities to access organizational applications?

- A. Cloud Endpoints
- B. Identity-Aware Proxy (IAP)
- C. Cloud Security Scanner
- D. Web Application and API Protection

Answer: B

NEW QUESTION 64

Jordon Bridges has been working as a senior cloud security engineer in a multinational company. His organization uses Google cloud-based services. Jordon stored his organizational data in the bucket and named the bucket in the Google cloud storage following the guidelines for bucket naming. Which of the following is a valid bucket name given by Jordon?

- A. company-storage-data
- B. Company-storage-data
- C. Company-Storage-Data
- D. company storage data

Answer: A

NEW QUESTION 68

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 69

Assume you work for an IT company that collects user behavior data from an e-commerce web application. This data includes the user interactions with the applications, such as purchases, searches, saved items, etc. Capture this data, transform it into zip files, and load these massive volumes of zip files received from an application into Amazon S3. Which AWS service would you use to do this?

- A. AWS Migration Hub
- B. AWS Database Migration Service
- C. AWS Kinesis Data Firehose
- D. AWS Snowmobile

Answer: C

NEW QUESTION 70

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 nl-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. nl-standard-2 (2 vCPU, 7.5 GB memory)
- C. fl-micro (1 vCPU, 614 GB memory)
- D. n1-standard-1 (1 vCPU, 3.75 GB memory)

Answer: A

NEW QUESTION 71

For securing data, an AWS customer created a key in the Alabama region to encrypt their data in the California region. Two users were added to the key along with an external AWS account. When the AWS customer attempted to encrypt an S3 object, they observed that the key is not listed. What is the reason behind this?

- A. It takes time for new keys to be listed
- B. Encryption key should be in the same region
- C. S3 cannot be integrated with KMS
- D. AWS does not support external AWS accounts

Answer: B

NEW QUESTION 72

Scott Herman works as a cloud security engineer in an IT company located in Ann Arbor, Michigan. His organization uses Office 365 Business Premium that provides Microsoft Teams, secure cloud storage, business email, premium Office applications across devices, advanced cyber threat protection, and device management.

Which of the following cloud computing service models does Microsoft Office 365 represent?

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

Answer: D

NEW QUESTION 77

Scott Herman works as a cloud security engineer in an IT company. His organization has deployed a 3-tier web application in the same Google Cloud Virtual Private Cloud. Each tier (web interface (UI), API, and database) is scaled independently of others. Scott Herman obtained a requirement that the network traffic should always access the database using the API and any request coming directly from the web interface to the database should not be allowed. How should Scott configure the network with minimal steps?

- A. By adding tags to each tier and setting up firewall rules to allow the desired traffic flow
- B. By adding tags to each tier and setting up routes to allow the desired traffic flow
- C. By setting up software-based firewalls on individual VMs
- D. By adding each tier to a different subnet

Answer: A

NEW QUESTION 79

Two cloud security engineers, Lin and Messy, observed unexpected changes such as slower response time in the behavior of the Azure storage services used by

applications. They need to study the tables, queues, and blob logs and identify the root cause of the slow response to remediate the issue. How can both Lin and Messy ensure the operational security of Azure operational?

- A. Using Azure Monitor
- B. Using Azure Automation
- C. Using Azure Active Directory
- D. Using Azure Storage Analytics

Answer: D

NEW QUESTION 80

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 83

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 86

Martin Sheen is a senior cloud security engineer in SecGlob Cloud Pvt. Ltd. Since 2012, his organization has been using AWS cloud-based services. Using an intrusion detection system and antivirus software, Martin noticed that an attacker is trying to breach the security of his organization. Therefore, Martin would like to identify and protect the sensitive data of his organization. He requires a fully managed data security service that supports S3 storage and provides an inventory of publicly shared buckets, unencrypted buckets, and the buckets shared with AWS accounts outside his organization. Which of the following Amazon services fulfills Martin's requirement?

- A. Amazon GuardDuty
- B. Amazon Macie
- C. Amazon Inspector
- D. Amazon Security Hub

Answer: B

NEW QUESTION 88

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 91

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 94

SeaCloud Soft Pvt. Ltd. is an IT company that develops software and applications related to the healthcare industry. To safeguard the data and applications

against The organization did not trust the cloud service attackers, the organization adopted cloud computing. provider; therefore, it Implemented an encryption technique that secures data during communication and storage. SeaCloud Soft Pvt. Ltd. performed computation on the encrypted data and then sent the data to the cloud service provider. Based on the given information, which of the following encryption techniques was implemented by SeaCloud Soft Pvt. Ltd.?

- A. Ciphertext attribute based encryption
- B. Fully homomorphic encryption
- C. Key policy attribute-based encryption
- D. Identity-based encryption

Answer: B

NEW QUESTION 99

Rebecca Mader has been working as a cloud security engineer in an IT company located in Detroit, Michigan. Her organization uses AWS cloud-based services. An application is launched by a developer on an EC2 instance that needs access to the S3 bucket (photos). Rebecca created a get-pics service role and attached it to the EC2 instance. This service role comprises a permission policy that allows read-only access to the S3 bucket and a trust policy that allows the instance to assume the role and retrieve temporary credentials. The application uses the temporary credentials of the role to access the photo bucket when it runs on the instance. Does the developer need to share or manage credentials or does the admin need to grant permission to the developer to access the photo bucket?

- A. No, the developer never has to share or manage credentials, but the admin has to grant permission to the developer to access the photo bucket
- B. Yes, the developer has to share or manage credentials, but the admin does not have to grant permission to the developer to access the photo bucket
- C. Yes, the developer should share or manage credentials and the admin should grant permission to the developer to access the photo bucket
- D. No, the developer never has to share or manage credentials and the admin does not have to grant permission to the developer to access the photo bucket

Answer: D

NEW QUESTION 104

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 107

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 109

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 114

A cloud organization, AZS, wants to maintain homogeneity in its cloud operations because the CPU speed measured by AZS varies and the measurement units lack consistency in the standards. For example, AWS defines the CPU speed with Elastic Compute Unit, Google with Google Compute Engine Unit, and Microsoft with clock speed. Here, which cloud computing standard can leverage frameworks and architectures specific to the cloud for maintaining homogeneity in operations?

- A. occ
- B. DMTF
- C. NIST
- D. CSA

Answer: B

NEW QUESTION 116

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 117

Simon recently joined a multinational company as a cloud security engineer. Due to robust security services and products provided by AWS, his organization has been using AWS cloud-based services. Simon has launched an Amazon EC2 Linux instance to deploy an application. He would like to secure Linux AMI. Which of the following command should Simon run in the EC2 instance to disable user account passwords?

- A. `passwd -D < USERNAME >`
- B. `passwd -l < USERNAME >`
- C. `passwd -d < USERNAME >`
- D. `passwd -L < USERNAME >`

Answer: B

NEW QUESTION 118

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 119

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 123

Ewan McGregor works as a cloud security engineer in a multinational company that develops software and applications for eCommerce companies. Owing to the robust services provided by AWS for developing applications and software, his organization migrated to the AWS cloud in 2010. To test whether it is possible to escalate privileges to obtain AWS administrator account access, Ewan attempts to update the login profile with regular user accounts. Which of the following commands should Ewan try to update an existing login profile?

- A. `aws iam update-login-profile -- user-name < password > -- password < username >`
- B. `aws iam update-login-profile -- user-name < username > -- password < password >`
- C. `aws iam update-login-profile -- user-name < password > -- password < username >`
- D. `aws iam update-login-profile -- password < password > -- user-name < username >`

Answer: B

NEW QUESTION 126

Aidan McGraw is a cloud security engineer in a multinational company. In 2018, his organization deployed its workloads and data in a cloud environment. Aidan was given the responsibility of securing high-valued information that needs to be shared outside the organization from unauthorized intruders and hackers. He would like to protect sensitive information about his organization, which will be shared outside the organization, from attackers by encrypting the data and including user permissions inside the file containing this information. Which technology satisfies Aidan's requirements?

- A. Information Rights Management
- B. Identity and Access Management
- C. System for Cross-Domain Identity Management
- D. Privileged User Management

Answer: A

NEW QUESTION 131

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 is compliant with the cloud computing law that protects the student information collected by educational institutions and their associated vendors. Based on the information given, which law does Daffod adhere to?

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

Answer: D

NEW QUESTION 134

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 138

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 142

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 143

Bretech 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 148

An IT organization named WITEC Solutions has adopted cloud computing. The organization must manage risks to keep its business data and services secure and running by gaining knowledge about the approaches suitable for specific risks. Which risk management approach can compensate the organization if it loses sensitive data owing to the risk of an activity?

- A. Risk mitigation
- B. Risk acceptance
- C. Risk avoidance
- D. Risk transference

Answer: D

NEW QUESTION 151

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 153

Allen Smith works as a cloud security engineer in a multinational company. Using an intrusion detection system, the incident response team of this company identified that an attacker has been continuously attacking the organization's AWS services. The team leader asked Allen to track the changes made to AWS resources and perform security analysis. Which AWS service can provide the AWS API call history for AWS accounts, including calls made via the AWS Management Console or Command Line tools, AWS Software Development Kits, and other AWS services to Allen?

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

Answer: C

NEW QUESTION 154

Cindy Williams works as a cloud security engineer in an IT company located in Seattle, Washington. Owing to the cost-effective security, governance, and storage features provided by AWS, her organization adopted AWS cloud-based services. Cindy would like to detect any unusual activity in her organization's AWS account. She would like to obtain the event history of her organization's AWS account activity for security analysis and resource change tracking. Which of the following AWS service enables operational auditing, compliance, governance, and risk auditing for her organization's AWS account?

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

Answer: D

NEW QUESTION 159

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