

312-40 Dumps

EC-Council Certified Cloud Security Engineer (CCSE)

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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

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 3

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 Mark- up Language (SAML) that will enable employees to securely access multiple cations 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 4

Kelsey Lewis has been working as a cloud security engineer in a BPO company that provides 24-7 customer service. Owing to the cost-effective storage and security features provided by cloud computing, her organization adopted the cloud environment 4 years ago. Kelsey implemented the TLS protocol to provide security to e-mail communications, voice over IP (VoIP) communication, web traffic, messaging clients, file transfers, and internet services [Domain Name Service (DNS) and Network Time Protocol (NTP)]. Which certificate is used by TLS for communication authentication and encryption between hosts?

- A. X.507 certificates issued by the Certificate Authority
- B. X.508 certificates issued by the Certificate Authority
- C. X.506 certificate issued by the Certificate Authority
- D. X.509 certificates issued by the Certificate Authority

Answer: D

NEW QUESTION 5

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 6

The TCK Bank adopts cloud for storing the private data of its customers. The bank usually explains its information sharing practices to its customers and safeguards sensitive data. However, there exist some security loopholes in its information sharing practices. Therefore, hackers could steal the critical data of the bank's customers. In this situation, under which cloud compliance framework will the bank be penalized?

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

Answer: D

NEW QUESTION 7

Jayson Smith works as a cloud security engineer in CloudWorld SecCo Pvt. Ltd. This is a third-party vendor that provides connectivity and transport services between cloud service providers and cloud consumers. Select the actor that describes CloudWorld SecCo Pvt. Ltd. based on the NIST cloud deployment reference architecture?

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

Answer: C

NEW QUESTION 8

Georgia Lyman works as a cloud security engineer in a multinational company. Her organization uses cloud-based services. Its virtualized networks and associated virtualized resources encountered certain capacity limitations that affected the data transfer performance and virtual server communication. How can Georgia eliminate the data transfer capacity thresholds imposed on a virtual server by its virtualized environment?

- A. By allowing the virtual appliance to bypass the hypervisor and access the I/O card of the physical server directly
- B. By restricting the virtual appliance to bypass the hypervisor and access the I/O card of the physical server directly
- C. By restricting the virtual server to bypass the hypervisor and access the I/O card of the physical server directly
- D. By allowing the virtual server to bypass the hypervisor and access the I/O card of the physical server directly

Answer: D

NEW QUESTION 9

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 10

WinSun Computers is a software firm that adopted cloud computing. To keep the cloud environment secure, the organization must ensure that it adheres to the regulations, controls, and rules framed by its management in the cloud environment. Which of the following represents the adherence to these regulations, controls, and rules framed by the organization in this scenario?

- A. Risk Management
- B. Regulatory Compliance
- C. Governance
- D. Corporate Compliance

Answer: B

NEW QUESTION 10

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 14

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 17

SecureSoft Solutions Pvt. Ltd. is an IT company that develops mobile-based applications. Owing to the secure and cost-effective cloud-based services provided by Google, the organization migrated its applications and data from on premises environment to Google cloud. Sienna Miller, a cloud security engineer, selected the Coldline Storage class for storing data in the Google cloud storage bucket. What is the minimum storage duration for Coldline Storage?

- A. 60 days
- B. 120 days
- C. 50 days
- D. 90 days

Answer: D

NEW QUESTION 18

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. RAID1
- D. RAID 0

Answer: B

NEW QUESTION 20

Veronica Lauren has an experience of 4 years as a cloud security engineer. Recently, she joined an IT company as a senior cloud security engineer. In 2010, her organization became a victim of a cybersecurity attack in which the attacker breached her organization's cloud security perimeter and stole sensitive information. Since then, her organization started using Google cloud-based services and migrated the organizational workload and data in the Google cloud environment. Veronica would like to detect security breaches in her organization's cloud security perimeter. Which of the following built-in service of Google Security Command Center can help Veronica in monitoring her organization's cloud logging stream and collect logs from one or multiple projects to detect security breaches such as the presence of malware, brute force SSH attempts, and cryptomining?

- A. Event Threat Detection
- B. Web Security Scanner
- C. Container Threat Detection
- D. Security Health Analytics

Answer: A

NEW QUESTION 24

Global CloudEnv is a cloud service provider that provides various cloud-based services to cloud consumers. The cloud service provider adheres to the framework that can be used as a tool to systematically assess cloud implementation by providing guidance on the security controls that should be implemented by specific actors within the cloud supply chain. It is used as the standard to assess the security posture of organizations on the Security, Trust, Assurance, and Risk (STAR) registry. Based on the given information, which of the following cybersecurity control frameworks does Global CloudEnv adhere to?

- A. CDMI
- B. CSA CCM
- C. CSA CAIQ
- D. ITU-T X.1601

Answer: B

NEW QUESTION 26

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 27

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 28

Global InfoSec Solution Pvt. Ltd. is an IT company that develops mobile-based software and applications. For smooth, secure, and cost-effective facilitation of business, the organization uses public cloud services. Now, Global InfoSec Solution Pvt. Ltd. is encountering a vendor lock-in issue. What is vendor lock-in in cloud computing?

- A. It is a situation in which a cloud consumer cannot switch to another cloud service broker without substantial switching costs
- B. It is a situation in which a cloud consumer cannot switch to a cloud carrier without substantial switching costs
- C. It is a situation in which a cloud service provider cannot switch to another cloud service broker without substantial switching costs
- D. It is a situation in which a cloud consumer cannot switch to another cloud service provider without substantial switching costs

Answer: D

NEW QUESTION 32

Jerry Mulligan is employed by an IT company as a cloud security engineer. In 2014, his organization migrated all applications and data from on-premises to a cloud environment. Jerry would like to perform penetration testing to evaluate the security across virtual machines, installed apps, and OSes in the cloud environment, including conducting various security assessment steps against risks specific to the cloud that could expose them to serious threats. Which of the following cloud computing service models does not allow cloud penetration testing (CPEN) to Jerry?

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

Answer: D

NEW QUESTION 37

Trevor Holmes works as a cloud security engineer in a multinational company. Approximately 7 years ago, his organization migrated its workload and data to the AWS cloud environment. Trevor would like to monitor malicious activities in the cloud environment and protect his organization's AWS account, data, and workloads from unauthorized access. Which of the following Amazon detection services uses anomaly detection, machine learning, and integrated threat intelligence to identify and classify threats and provide actionable insights that include the affected resources, attacker IP address, and geolocation?

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

Answer: B

NEW QUESTION 42

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 45

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. RaaS
- D. SaaS

Answer: D

NEW QUESTION 49

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 52

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 56

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 60

AWS runs 35+ instances that are all CentOS machines. Updating these machines manually is a time-intensive task that may lead to missed updates for some instances and create vulnerabilities. Which of the following can be used to prevent each port of each instance from being opened to access the machine and install updates?

- A. AWS Security Hub
- B. AWS Systems Manager
- C. Amazon Glacier
- D. Amazon Snowball

Answer: B

NEW QUESTION 62

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 65

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 70

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 74

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 79

A new public web application is deployed on AWS that will run behind an Application Load Balancer (ALB). An AWS security expert needs to encrypt the newly deployed application at the edge with an SSL/TLS certificate issued by an external certificate authority. In addition, he needs to ensure the rotation of the certificate yearly before it expires. Which of the following AWS services can be used to accomplish this?

- A. AWS Snowball
- B. AWS Certificate Manager
- C. AWS Cloud HSM
- D. Amazon Elastic Load Balancer

Answer: B

NEW QUESTION 81

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 83

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 85

The tech giant TSC uses cloud for its operations. As a cloud user, it should implement an effective risk management lifecycle to measure and monitor high and critical risks regularly. Additionally, TSC should define what exactly should be measured and the acceptable variance to ensure timely mitigated risks. In this case, which of the following can be used as a tool for cloud risk management?

- A. Information System Audit and Control Association
- B. Cloud Security Alliance
- C. Committee of Sponsoring Organizations
- D. CSA CCM Framework

Answer: D

NEW QUESTION 90

A multinational company decided to shift its organizational infrastructure and data to the cloud. Their team finalized the service provider. Which of the following is a contract that can define the security standards agreed upon by the service provider to maintain the security of the organizational data and infrastructure and define organizational data compliance?

- A. Service Agreement
- B. Service Level Agreement
- C. Service Level Contract
- D. Compliance Agreement

Answer: B

NEW QUESTION 94

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 95

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 100

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 101

An organization wants to detect its hidden cloud infrastructure by auditing its cloud environment and resources such that it shuts down unused/unwanted workloads, saves money, minimizes security risks, and optimizes its cloud inventory. In this scenario, which standard is applicable for cloud security auditing that enables the management of customer data?

- A. Cloud Security Alliance
- B. ISO 27001 & 27002
- C. SOC2
- D. NIST SP800-53 rev 4

Answer: B

NEW QUESTION 104

An IT company uses two resource groups, named Production-group and Security-group, under the same subscription ID. Under the Production-group, a VM called Ubuntu18 is suspected to be compromised. As a forensic investigator, you need to take a snapshot (ubuntudisksnap) of the OS disk of the suspect virtual machine Ubuntu18 for further investigation and copy the snapshot to a storage account under Security-group. Identify the next step in the investigation of the security incident in Azure?

- A. Copy the snapshot to file share
- B. Generate shared access signature
- C. Create a backup copy of snapshot in a blob container
- D. Mount the snapshot onto the forensic workstation

Answer: B

NEW QUESTION 106

Jack Jensen works as a cloud security engineer in an IT company located in Madison, Wisconsin. Owing to the various security services provided by Google, in 2012, his organization adopted Google cloud-based services. Jack would like to identify security abnormalities to secure his organizational data and workload. Which of the following is a built-in feature in the Security Command Center that utilizes behavioral signals to detect security abnormalities such as unusual activity and leaked credentials in virtual machines or GCP projects?

- A. Anomaly Detector
- B. Security Health Analytics
- C. Cloud Armor
- D. Cloud Anomaly Detection

Answer: D

NEW QUESTION 110

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 114

SecureInfo Pvt. Ltd. has deployed all applications and data in the AWS cloud. The security team of this organization would like to examine the health of the organization's website regularly and switch (or failover) to a backup site if the primary website becomes unresponsive. Which of the following AWS services can provide DNS failover capabilities and health checks to ensure the availability of the organization's website?

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

Answer: C

NEW QUESTION 117

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 121

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

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 130

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 132

SecureSoftWorld Pvt. Ltd. is an IT company that develops software solutions catering to the needs of the healthcare industry. Most of its services are hosted in Google cloud. In the cloud environment, to secure the applications and services, the organization uses Google App Engine Firewall that controls the access to the App Engine with a set of rules that denies or allows requests from a specified range of IPs. How many unique firewall rules can SecureSoftWorld Pvt. Ltd define using App Engine Firewall?

- A. Up to 10000
- B. Up to 1000
- C. Up to 10

D. Up to 100

Answer: B

NEW QUESTION 135

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 138

Chris Evans has been working as a cloud security engineer in a multinational company over the past 3 years. His organization has been using cloud-based services. Chris uses Key Vault as a key management solution because it offers easier creation of encryption keys and control over them. Which of the following public cloud service providers allows Chris to do so?

- A. AWS
- B. Azure
- C. GCP
- D. Oracle

Answer: B

NEW QUESTION 139

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 is best suitable for such rarely-accessed data with flexible latency requirements?

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

Answer: C

NEW QUESTION 141

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 144

Teresa Ruiz works as a cloud security engineer in an IT company. In January 2021, the data deployed by her in the cloud environment was corrupted, which caused a tremendous loss to her organization. Therefore, her organization changed its cloud service provider. After deploying the workload and data in the new service provider's cloud environment, Teresa backed up the entire data of her organization. A new employee, Barbara Houston, who recently joined Teresa's organization as a cloud security engineer, only backed up those files that changed since the last executed backup. Which type of backup was performed by Barbara in the cloud?

- A. Partial Backup
- B. Full Backup
- C. Incremental Backup
- D. Differential Backup

Answer: C

NEW QUESTION 145

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 148

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 153

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 157

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 161

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 165

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 169

Ray Nicholson works as a senior cloud security engineer in TerraCloud Sec Pvt. Ltd. His organization deployed all applications in a cloud environment in various virtual machines. Using IDS, Ray identified that an attacker compromised a particular VM. He would like to limit the scope of the incident and protect other resources in the cloud. If Ray turns off the VM, what will happen?

- A. The data required to be investigated will be lost
- B. The data required to be investigated will be recovered
- C. The data required to be investigated will be stored in the VHD
- D. The data required to be investigated will be saved

Answer: A

NEW QUESTION 174

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 177

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 180

TechGloWorld is an IT company that develops cybersecurity software and applications for various customers across the globe. Owing to the cost-effective security and storage services provided by AWS, TechGloWorld has adopted AWS cloud-based services. A new employee, named Tom Harrison, has joined TechGloWorld as a cloud security engineer. The team leader of cloud security engineers would like to add an IAM user named Tom to the IAM group named Admins. Which of the following commands should be used by the TechGloWorld security team leader?

- A. `aws iam --group-name Admins -user-name Tom add-user-to-group`
- B. `aws iam --group-name Admins --user-name Tom add-user-to-group`
- C. `aws iam add-user-to-group --user-name Tom --group-name Admins`
- D. `aws iam add-user-to-group --user-name Tom --group-name Admin`

Answer: C

NEW QUESTION 183

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