



EC-Council

Exam Questions 312-40

EC-Council Certified Cloud Security Engineer (CCSE)

About ExamBible

Your Partner of IT Exam

Found in 1998

ExamBible is a company specialized on providing high quality IT exam practice study materials, especially Cisco CCNA, CCDA, CCNP, CCIE, Checkpoint CCSE, CompTIA A+, Network+ certification practice exams and so on. We guarantee that the candidates will not only pass any IT exam at the first attempt but also get profound understanding about the certificates they have got. There are so many alike companies in this industry, however, ExamBible has its unique advantages that other companies could not achieve.

Our Advances

* 99.9% Uptime

All examinations will be up to date.

* 24/7 Quality Support

We will provide service round the clock.

* 100% Pass Rate

Our guarantee that you will pass the exam.

* Unique Gurantee

If you do not pass the exam at the first time, we will not only arrange FULL REFUND for you, but also provide you another exam of your claim, ABSOLUTELY FREE!

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

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 3

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 4

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 5

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 6

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 7

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 8

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 9

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 10

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 10

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 11

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 13

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 16

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 20

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 21

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

Answer: A

NEW QUESTION 22

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 27

Colin Farrell works as a senior cloud security engineer in a healthcare company. His organization has migrated all workloads and data in a private cloud environment. An attacker used the cloud environment as a point to disrupt the business of Colin's organization. Using intrusion detection prevention systems, antivirus software, and log analyzers, Colin successfully detected the incident; however, a group of users were not able to avail the critical services provided by his organization. Based on the incident impact level classification scales, select the severity of the incident encountered by Colin's organization?

- A. High
- B. None
- C. Low
- D. Medium

Answer: A

NEW QUESTION 31

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 32

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 33

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 34

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 35

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 38

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 43

A private IT company named Altitude Solutions conducts its operations from the cloud. The company wants to balance the interests of corporate stakeholders (higher management, employees, investors, and suppliers) to achieve control on the cloud infrastructure and facilities (such as data centers) and management of applications at the portfolio level. Which of the following represents the adherence to the higher management directing and controlling activities at various levels of the organization in a cloud environment?

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

Answer: B

NEW QUESTION 48

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 50

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 51

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 56

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 58

.....

Relate Links

100% Pass Your 312-40 Exam with ExamBible Prep Materials

<https://www.exambible.com/312-40-exam/>

Contact us

We are proud of our high-quality customer service, which serves you around the clock 24/7.

Viste - <https://www.exambible.com/>