Here are 5 multiple-choice questions on AWS with a medium difficulty level:

Q1. What is the primary function of Amazon Elastic Block Store (EBS)?

A. To provide object storage

B. To store and manage instance metadata

C. To provide persistent block-level storage for EC2 instances

D. To manage and monitor AWS infrastructure

Answer: C

Explanation: EBS provides persistent block-level storage for EC2 instances, allowing data to be preserved even after an instance is terminated or re-launched.

Q2. Which of the following services is used for deploying scalable and fault-tolerant web applications?

A. Amazon Simple Queue Service (SQS)

B. Amazon Elastic Beanstalk

C. Amazon CloudFront

D. Amazon Simple Storage Service (S3)

Answer: B

Explanation: Elastic Beanstalk allows developers to deploy web applications without worrying about the underlying infrastructure, providing scalability and fault-tolerance.

Q3. What is the primary use case for Amazon S3's versioning feature?

A. To track changes to object metadata

B. To recover from accidental deletes or overwrites of objects

C. To monitor object access patterns

D. To store large amounts of unstructured data

Answer: B

Explanation: Versioning allows you to keep multiple versions of an object, making it possible to recover from accidental deletes or overwrites.

Q4. Which AWS service is designed for real-time processing and event-driven architecture?

A. Amazon Simple Queue Service (SQS)

B. Amazon Kinesis

C. Amazon Elastic Map Reduce (EMR)

D. Amazon Simple Notification Service (SNS)

Answer: B

Explanation: Kinesis allows you to process large amounts of data in real-time, making it suitable for event-driven architectures.

Q5. What is the primary use case for AWS IAM roles?

A. To manage access to EC2 instances

B. To provide temporary credentials for applications

C. To grant long-term access to AWS services

D. To manage access to S3 buckets

Answer: B

Explanation: Roles allow you to delegate temporary access to AWS resources without having to share your own long-term credentials, making it suitable for applications that need to access AWS services.