1) A company is using Amazon RDS for PostgreSQL and wants to ensure continuous availability in the event of an Availability Zone (AZ) failure. Which RDS feature should they enable?

A) RDS Read Replicas
B) RDS Multi-AZ deployment
C) Cross-Region Replication
D) RDS Snapshot Copy

2) A media company wants to deliver content to users worldwide with low latency and high transfer speeds. Which AWS service is best suited for this requirement?

A) Amazon CloudFront
B) AWS Global Accelerator
C) Amazon Route 53
D) AWS Direct Connect

3) A web application needs to store user sessions in a way that is highly available, low-latency, and does not require complex querying. Which AWS service should be used?

A) Amazon RDS
B) Amazon DynamoDB
C) Amazon ElastiCache
D) Amazon Redshift

4) A development team wants to quickly deploy, manage, and scale a containerized application without managing the underlying infrastructure. Which AWS service is the best fit?

A) Amazon ECS with EC2
B) Amazon EC2
C) AWS Fargate
D) Amazon EKS

5) A company wants to allow their IT department to centrally manage AWS billing and restrict certain AWS services across multiple accounts. Which AWS feature provides this capability?

A) AWS Cost Explorer
B) AWS Organizations with Service Control Policies (SCPs)

C) AWS Budgets
D) AWS IAM Policies

6) A solutions architect is tasked with setting up a data pipeline that will handle real-time data ingestion and processing. Which AWS service should be used to ingest and process streaming data in real-time?

A) Amazon SQS
B) Amazon Kinesis Data Streams
C) AWS Glue
D) Amazon RDS

7) A company is migrating a large amount of data from its on-premises data center to Amazon S3. They require a cost-effective and efficient solution for this one-time migration. Which service should they use?

A) AWS Snowball
B) AWS Direct Connect
C) Amazon S3 Transfer Acceleration
D) AWS DataSync

8) A company wants to restrict access to specific Amazon S3 buckets so that only users from certain IP ranges can access the data. Which feature should they use to accomplish this?

A) S3 Bucket Policy
B) AWS IAM Roles
C) Amazon S3 Versioning
D) AWS KMS

9) A team is developing a serverless web application that requires an API to communicate with a backend. Which AWS service can help them build a scalable, managed API layer?

A) Amazon CloudFront
B) AWS Lambda
C) Amazon API Gateway
D) Amazon SNS

10) A retail company needs to analyze and generate reports from large datasets on Amazon S3. They want a serverless, cost-effective solution for running SQL queries. Which AWS service should they use?

A) Amazon Redshift
B) Amazon Athena
C) AWS Glue
D) Amazon EMR

Solutions:

B) RDS Multi-AZ deployment

A) Amazon CloudFront

C) Amazon ElastiCache

C) AWS Fargate

B) AWS Organizations with Service Control Policies (SCPs)

B) Amazon Kinesis Data Streams

A) AWS Snowball

A) S3 Bucket Policy

C) Amazon API Gateway

B) Amazon Athena