

**1) A company wants to move its existing database to AWS with minimal effort, ensuring compatibility with SQL-based queries. Which AWS service should they choose?**

- A) Amazon Redshift
- B) Amazon DynamoDB
- C) Amazon RDS
- D) Amazon S3

**2) A solutions architect needs to enforce a company policy that restricts certain AWS accounts from launching specific types of EC2 instances. Which AWS service can implement this policy?**

- A) AWS Config
- B) AWS IAM
- C) AWS Organizations with Service Control Policies (SCPs)
- D) AWS Trusted Advisor

**3) A data analytics company requires a fully managed, petabyte-scale data warehouse solution that can handle large-scale data queries across structured data. Which service should they choose?**

- A) Amazon Aurora
- B) Amazon EMR
- C) Amazon Redshift
- D) Amazon RDS

**4) A development team wants to ensure that code changes do not cause downtime during deployment to production servers on EC2 instances. Which deployment strategy should they use?**

- A) Rolling deployment
- B) All-at-once deployment
- C) Canary deployment
- D) Blue/Green deployment

**5) A company needs to establish secure, private communication between its on-premises network and AWS resources. Which AWS service should they use?**

- A) Amazon CloudFront
- B) AWS Direct Connect

- C) AWS VPN
- D) AWS Transit Gateway

**6) A web application deployed on Amazon EC2 needs to handle sudden bursts of traffic. Which combination of services can provide an automated, scalable solution?**

- A) Auto Scaling and Application Load Balancer
- B) Amazon S3 and CloudFront
- C) Elastic Beanstalk and IAM Roles
- D) Amazon RDS and S3 Lifecycle Policies

**7) A developer wants to automate tasks and create infrastructure templates that can be reused across multiple environments. Which AWS service should they use?**

- A) AWS Elastic Beanstalk
- B) AWS CloudFormation
- C) AWS CodeCommit
- D) Amazon CloudWatch

**8) Which AWS service is specifically designed for monitoring and improving the security posture of AWS resources, providing insights on misconfigurations?**

- A) Amazon Inspector
- B) AWS Shield
- C) AWS Trusted Advisor
- D) AWS Security Hub

**9) A company needs to analyze streaming data from its IoT devices in real time and visualize it. Which combination of services should they use?**

- A) Amazon Kinesis Data Streams and AWS Glue
- B) AWS Lambda and Amazon CloudWatch
- C) Amazon Kinesis Data Streams and Amazon QuickSight
- D) Amazon RDS and Amazon Redshift

**10) A company needs to perform a large-scale, one-time data migration from its on-premises data center to Amazon S3. Which service should they consider for efficient data transfer?**

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

Solutions

- C) Amazon RDS**
- C) AWS Organizations with Service Control Policies (SCPs)**
- C) Amazon Redshift**
- D) Blue/Green deployment**
- B) AWS Direct Connect**
- A) Auto Scaling and Application Load Balancer**
- B) AWS CloudFormation**
- D) AWS Security Hub**
- C) Amazon Kinesis Data Streams and Amazon QuickSight**
- D) AWS Snowball**