

## Cloud Concepts (6 Questions)

1. **Which benefit of cloud computing allows organizations to scale resources up or down based on demand?**
  - A) High availability
  - B) Elasticity
  - C) Reliability
  - D) Security
  
2. **Which AWS service is a fully managed serverless compute service that automatically runs code in response to events?**
  - A) Amazon EC2
  - B) AWS Lambda
  - C) Amazon ECS
  - D) AWS Fargate
  
3. **A company wants to deploy an application globally with low latency. Which AWS feature helps with this?**
  - A) AWS Regions
  - B) AWS Direct Connect
  - C) AWS Local Zones
  - D) AWS Outposts
  
4. **Which of the following best describes high availability in AWS?**
  - A) Running an application in a single data center
  - B) Deploying applications across multiple Availability Zones
  - C) Using multiple IAM roles for security
  - D) Encrypting all data at rest
  
5. **Which AWS service helps with governance and automating policy enforcement across AWS accounts?**
  - A) AWS IAM
  - B) AWS Config

- C) AWS Organizations
- D) AWS CloudTrail

6. **Which AWS service allows customers to connect their on-premises network to AWS securely over the internet?**
- A) AWS Direct Connect
  - B) AWS VPN
  - C) AWS Transit Gateway
  - D) AWS CloudFront

## **Security & Compliance (6 Questions)**

7. **What is the purpose of AWS Security Groups?**
- A) Encrypt data in Amazon S3
  - B) Control inbound and outbound traffic for EC2 instances
  - C) Assign IAM permissions to users
  - D) Protect against DDoS attacks
8. **Which AWS service enables customers to manage encryption keys for securing data?**
- A) AWS WAF
  - B) AWS KMS
  - C) AWS Shield
  - D) AWS Secrets Manager
9. **Which AWS feature provides an additional layer of security for user authentication?**
- A) AWS WAF
  - B) AWS MFA
  - C) AWS CloudTrail
  - D) AWS Shield

**10. A company wants to analyze logs of API activities across AWS accounts. Which service should they use?**

- A) AWS Config
- B) AWS CloudTrail
- C) AWS CloudWatch Logs
- D) AWS Trusted Advisor

**11. Which AWS security feature is used to create policies that control access to AWS services?**

- A) IAM Policies
- B) Security Groups
- C) AWS Shield
- D) AWS WAF

**12. Which AWS service helps protect web applications from SQL injection and cross-site scripting (XSS) attacks?**

- A) AWS Shield
- B) AWS WAF
- C) AWS GuardDuty
- D) AWS KMS

## **Technology & Services (10 Questions)**

**13. Which AWS database service is best for real-time analytics with petabyte-scale data?**

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

**14. Which AWS storage service provides low-cost, long-term data archiving?**

- A) Amazon EFS
- B) Amazon S3 Glacier
- C) Amazon RDS
- D) AWS Storage Gateway

**15. Which AWS service is used to distribute traffic among multiple EC2 instances?**

- A) Amazon Route 53
- B) AWS Auto Scaling
- C) AWS Load Balancer
- D) AWS CloudFront

**16. Which AWS service is used to centrally store and manage secrets such as database passwords and API keys?**

- A) AWS Secrets Manager
- B) AWS CloudHSM
- C) AWS IAM
- D) AWS Config

**17. Which AWS service allows developers to store and version-control their code?**

- A) AWS CodeDeploy
- B) AWS CodePipeline
- C) AWS CodeCommit
- D) AWS CodeBuild

**18. Which AWS service can help optimize the performance of a web application by caching content closer to users?**

- A) AWS CloudFront
- B) AWS Direct Connect
- C) AWS Global Accelerator
- D) AWS Transit Gateway

**19. Which AWS compute service is best suited for event-driven applications that need to run code without provisioning or managing servers?**

- A) Amazon EC2
- B) AWS Lambda
- C) AWS Fargate
- D) Amazon Lightsail

**20. Which AWS database service provides automatic scaling with millisecond latency for NoSQL workloads?**

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

**22. Which AWS service provides continuous monitoring of AWS accounts for security threats?**

- A) AWS GuardDuty
- B) AWS Shield
- C) AWS WAF
- D) AWS Config

**23. Which AWS service allows you to run fully managed Kubernetes clusters?**

- A) Amazon ECS
- B) AWS Fargate
- C) Amazon EKS
- D) AWS Lambda

**Billing, Pricing & Support (8 Questions)**

**24. Which AWS support plan includes 24/7 technical support and a dedicated account manager?**

- A) Developer
- B) Basic
- C) Business
- D) Enterprise

**25. Which AWS service helps forecast and visualize AWS costs?**

- A) AWS Budgets
- B) AWS Pricing Calculator
- C) AWS Cost Explorer
- D) AWS Cost and Usage Report

**26. Which AWS pricing model allows you to bid for unused EC2 instances at a lower cost?**

- A) On-Demand
- B) Spot Instances
- C) Reserved Instances
- D) Savings Plan

**27. Which AWS service allows consolidated billing for multiple AWS accounts?**

- A) AWS Cost Explorer
- B) AWS Organizations
- C) AWS Cost and Usage Report
- D) AWS Trusted Advisor

**28. Which AWS service provides real-time guidance on best practices for cost optimization and security?**

- A) AWS Trusted Advisor
- B) AWS Config
- C) AWS CloudTrail
- D) AWS Well-Architected Tool

**29. What is the main benefit of using AWS Savings Plans?**

- A) No upfront cost
- B) Lower compute costs with flexible usage
- C) Guaranteed pricing for EC2 instances
- D) No long-term commitment

**30. Which AWS tool provides a personalized view of AWS service health?**

- A) AWS Personal Health Dashboard
- B) AWS CloudTrail
- C) AWS Config
- D) AWS Budgets