AWS Cloud MCQs with answer

Topics : AWS
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1. **What does AWS stand for?**

   - A. Advanced Web Services
   - B. Amazon Web Services
   - C. Automated Web Solutions
   - D. All Web Services

   Answer: B

2. **Which AWS service provides scalable compute capacity in the cloud?**

   - A. S3
   - B. Lambda
   - C. EC2
   - D. RDS

   Answer: C

3. **What is the primary purpose of Amazon S3?**

   - A. Virtualization
   - B. Object Storage
   - C. Database Management
   - D. Load Balancing
   - *Answer: B*

4. **Which AWS service is used for serverless computing?**

   - A. EC2
   - B. S3
   - C. Lambda
   - D. RDS
   - *Answer: C*

5. **What does IAM stand for in the context of AWS?**

   - A. Internet Access Management
   - B. Identity and Access Management
   - C. Integrated Authentication Mechanism

- D. Internal Account Management
- *Answer: B*

6. **Which AWS service is used for launching and managing relational databases?**

   - A. DynamoDB
   - B. S3
   - C. RDS
   - D. Redshift
   - *Answer: C*

7. **What is the purpose of Elastic Load Balancing (ELB) in AWS?**

   - A. Distributing traffic across multiple EC2 instances
   - B. Storing large amounts of data
   - C. Running serverless functions
   - D. Managing user authentication
   - *Answer: A*

8. **Which AWS service provides a fully managed NoSQL database?**

   - A. S3
   - B. DynamoDB
   - C. RDS
   - D. Redshift
   - *Answer: B*

9. **What is AWS Lambda used for?**

   - A. Object Storage
   - B. Serverless Computing
   - C. Database Management
   - D. Load Balancing
   - *Answer: B*

10. **Which AWS service allows you to securely control access to AWS services and resources for your users?**

    - A. EC2
    - B. S3
    - C. IAM
    - D. Lambda
    - *Answer: C*

11. **What does VPC stand for in the context of AWS?**

    - A. Virtual Private Cloud
    - B. Virtual Personal Computer
    - C. Virtual Processing Cluster
    - D. Virtualized Performance Computing
    - *Answer: A*

12. **Which AWS storage service is suitable for long-term archival of infrequently accessed**

data?

- ○ A. S3
- ○ B. Glacier
- ○ C. EBS
- ○ D. EFS
- ○ *Answer: B*

13. **What is AWS CloudFormation used for?**

- ○ A. Object Storage
- ○ B. Infrastructure as Code
- ○ C. Serverless Computing
- ○ D. Relational Database Service
- ○ *Answer: B*

14. **Which AWS service is designed for real-time, serverless data processing?**

- ○ A. Kinesis
- ○ B. SQS (Simple Queue Service)
- ○ C. SWF (Simple Workflow Service)
- ○ D. CloudFront
- ○ *Answer: A*

15. **What is the purpose of AWS Elastic Beanstalk?**

- ○ A. Deploying and managing applications in the cloud
- ○ B. Storing and retrieving large amounts of data
- ○ C. Load balancing traffic across multiple instances
- ○ D. Running serverless functions
- ○ *Answer: A*

16. **Which AWS service provides a scalable, fully managed data warehouse?**

- ○ A. DynamoDB
- ○ B. S3
- ○ C. RDS
- ○ D. Redshift
- ○ *Answer: D*

17. **What is Amazon Route 53 used for in AWS?**

- ○ A. Object Storage
- ○ B. Domain Name System (DNS)
- ○ C. Load Balancing
- ○ D. Identity and Access Management
- ○ *Answer: B*

18. **In AWS Lambda, what is a "function handler"?**

- ○ A. The name of the Lambda function
- ○ B. The code that processes the event
- ○ C. The IAM role associated with the function

- D. The API Gateway URL for the function
- *Answer: B*

19. **What is the purpose of Amazon CloudFront in AWS?**

    - A. Object Storage
    - B. Serverless Computing
    - C. Content Delivery Network (CDN)
    - D. Database Management
    - *Answer: C*

20. **Which AWS service provides a fully managed container orchestration service?**

    - A. ECS (Elastic Container Service)
    - B. EKS (Elastic Kubernetes Service)
    - C. EC2
    - D. Lambda
    - *Answer: B*

21. **What does AWS Lambda support for runtime environments?**

    - A. Python only
    - B. JavaScript only
    - C. Multiple languages including Node.js, Python, Java, and more
    - D. Java only
    - *Answer: C*

22. **What AWS service is used for content delivery and acceleration of websites and applications?**

    - A. Amazon RDS
    - B. Amazon CloudFront
    - C. Amazon DynamoDB
    - D. Amazon S3
    - *Answer: B*

23. **Which AWS service is used to monitor and manage AWS resources and applications in real-time?**

    - A. Amazon CloudWatch
    - B. Amazon CloudTrail
    - C. Amazon Inspector
    - D. AWS Config
    - *Answer: A*

24. **What is the purpose of AWS Direct Connect?**

    - A. Securely connecting to on-premises data centers
    - B. Content delivery
    - C. DNS management
    - D. Load balancing
    - *Answer: A*

25. **In AWS, what does RDS stand for?**

   - ○ A. Remote Database Service
   - ○ B. Relational Database Service
   - ○ C. Reliable Data Storage
   - ○ D. Remote Data Sync
   - ○ *Answer: B*

26. **What is the maximum time allowed for a single AWS Lambda function execution?**

   - ○ A. 15 seconds
   - ○ B. 30 seconds
   - ○ C. 1 minute
   - ○ D. 5 minutes
   - ○ *Answer: D*

27. **Which AWS service allows you to set up, operate, and scale a relational database in the cloud?**

   - ○ A. Amazon S3
   - ○ B. Amazon RDS
   - ○ C. Amazon DynamoDB
   - ○ D. Amazon Redshift
   - ○ *Answer: B*

28. **What AWS service is designed for deploying and managing Docker containers?**

   - ○ A. Amazon ECS
   - ○ B. AWS Lambda
   - ○ C. Amazon S3
   - ○ D. Amazon EKS
   - ○ *Answer: A*

29. **What is the purpose of AWS Elastic Load Balancing (ELB)?**

   - ○ A. Storing data
   - ○ B. Distributing incoming application traffic across multiple targets
   - ○ C. Running serverless functions
   - ○ D. Managing user authentication
   - ○ *Answer: B*

30. **In AWS, what is the purpose of an Auto Scaling group?**

   - ○ A. Distributing traffic across multiple instances
   - ○ B. Automatically adjusting the number of instances in a group based on demand
   - ○ C. Storing and retrieving large amounts of data
   - ○ D. Running serverless functions
   - ○ *Answer: B*

31. **What is AWS CloudTrail used for?**

- A. Monitoring EC2 instances
- B. Tracking user activity and API usage
- C. Managing DNS records

- D. Load balancing
- *Answer: B*

32. **Which AWS service provides a managed message queue service?**

- A. Amazon S3
- B. Amazon SQS
- C. Amazon RDS
- D. Amazon Kinesis
- *Answer: B*

33. **What is the purpose of AWS Elastic Beanstalk?**

- A. Database management
- B. Running serverless functions
- C. Deploying and managing applications in the cloud
- D. Load balancing
- *Answer: C*

34. **In AWS, what does the abbreviation SNS stand for?**

- A. Simple Notification Service
- B. Simple Networking Service
- C. Secure Naming Service
- D. Storage Networking Service
- *Answer: A*

35. **What AWS service is suitable for hosting static websites?**

- A. Amazon RDS
- B. Amazon S3
- C. Amazon EC2
- D. Amazon DynamoDB
- *Answer: B*

36. **Which AWS service allows you to create and manage a virtual network in the cloud?**

- A. Amazon VPC
- B. Amazon EBS
- C. Amazon Glacier
- D. Amazon Route 53
- *Answer: A*

37. **What is the purpose of AWS KMS (Key Management Service)?**

- A. Managing network security
- B. Storing large datasets
- C. Encrypting and managing keys for other AWS services
- D. Content delivery
- *Answer: C*

38. **What is the AWS service for serverless stream processing?**

- A. Amazon S3
- B. Amazon Kinesis
- C. AWS Lambda

- D. Amazon Redshift
- *Answer: B*

39. **Which AWS storage class is designed for frequently accessed data that requires low latency and high throughput?**

- A. Amazon S3 Glacier
- B. Amazon S3 Standard
- C. Amazon S3 Standard-IA
- D. Amazon S3 One Zone-IA
- *Answer: B*

40. **In AWS, what is the purpose of the AWS Command Line Interface (CLI)?**

- A. Managing IAM roles
- B. Deploying serverless applications
- C. Interacting with AWS services from the command line
- D. Configuring VPCs
- *Answer: C*

1. **Which AWS service is used for deploying and managing containerized applications at scale?**

- A. Amazon ECS
- B. AWS Lambda
- C. Amazon EKS
- D. Amazon RDS
- *Answer: C*

43. **What is the maximum file size you can store in Amazon S3?**

- A. 1 GB
- B. 5 GB
- C. 10 GB
- D. Unlimited
- *Answer: D*

44. **What is the purpose of Amazon Route 53?**

- A. Object Storage
- B. DNS Management
- C. Content Delivery Network (CDN)
- D. Load Balancing
- *Answer: B*

45. **In AWS, what is the purpose of Amazon CloudFront?**

- A. Object Storage
- B. Content Delivery Network (CDN)
- C. Serverless Computing
- D. Database Management
- *Answer: B*

46. **Which AWS service provides a fully managed machine learning service?**

- A. Amazon Polly

- B. Amazon Lex
- C. Amazon SageMaker
- D. Amazon Rekognition
- *Answer: C*

47. **What is the purpose of Amazon DynamoDB Accelerator (DAX)?**

- A. Caching for Amazon S3
- B. Accelerating queries on DynamoDB tables
- C. Load balancing EC2 instances
- D. Real-time stream processing
- *Answer: B*

48. **Which AWS service provides a fully managed, scalable NoSQL database?**

- A. Amazon S3
- B. Amazon RDS
- C. Amazon DynamoDB
- D. Amazon Redshift
- *Answer: C*

49. **What is the role of Amazon Inspector in AWS?**

- A. Monitoring EC2 instances
- B. Security assessment and vulnerability management
- C. Content delivery
- D. Running serverless functions
- *Answer: B*

50. **Which AWS service is used for managing, governing, and securing digital identities?**

- A. Amazon Cognito
- B. AWS Identity and Access Management (IAM)
- C. AWS Key Management Service (KMS)
- D. AWS Directory Service
- *Answer: B*

1. **What does AWS Lambda allow you to run?**

- A. Containers
- B. Virtual Machines
- C. Serverless Functions
- D. Database Instances
- *Answer: C*

52. **Which AWS service is used for serverless application orchestration?**

- A. AWS Step Functions
- B. Amazon SWF
- C. AWS Batch
- D. Amazon Simple Queue Service (SQS)
- *Answer: A*

53. **What is AWS Elastic File System (EFS) used for?**

- A. Object Storage

- B. File Storage
- C. Block Storage
- D. Database Management
- *Answer: B*

54. **Which AWS service provides a scalable, managed file storage system for EC2 instances?**

- A. Amazon S3
- B. Amazon EBS
- C. Amazon EFS
- D. Amazon RDS
- *Answer: C*

55. **What is the purpose of AWS Snowball?**

- A. Content Delivery
- B. Large-scale data transfer to and from AWS
- C. DNS Management
- D. Load Balancing
- *Answer: B*

56. **Which AWS service is used for real-time log and event data analysis?**

- A. Amazon Kinesis
- B. AWS CloudTrail
- C. Amazon CloudWatch
- D. AWS Config
- *Answer: A*

57. **What is the purpose of AWS Data Pipeline?**

- A. Content Delivery
- B. Database Migration
- C. Serverless Computing
- D. ETL (Extract, Transform, Load) Workflow Orchestration
- *Answer: D*

58. **Which AWS service provides a scalable and fully managed data warehouse for analytics?**

- A. Amazon Redshift
- B. Amazon Aurora
- C. Amazon DynamoDB
- D. Amazon Neptune
- *Answer: A*

59. **What is AWS Cloud9?**

- A. Content Delivery Network
- B. Integrated Development Environment (IDE)
- C. Serverless Computing Service
- D. Managed Container Service
- *Answer: B*

60. **What is the purpose of AWS Key Management Service (KMS)?**

- A. Storing large datasets
- B. Encrypting and managing keys for other AWS services
- C. Running serverless functions
- D. Managing IAM roles
- *Answer: B*