

Practice Exam 3

1. Where can you store files in AWS? (Choose TWO)

- A. Amazon EFS.
- B. Amazon SNS.
- C. Amazon EBS.
- D. Amazon ECS.
- E. Amazon EMR.

Answer

Correct answer: A, C

2. Which AWS service can be used to store and reliably deliver messages across distributed systems?

- A. Amazon Simple Queue Service.
- B. AWS Storage Gateway.
- C. Amazon Simple Email Service.
- D. Amazon Simple Storage Service.

Answer

Correct answer: A

3. Which of the following describes the payment model that AWS makes available for customers that can commit to using Amazon EC2 over a one or 3-year term to reduce their total computing costs?

- A. Pay less as AWS grows.
- B. Pay as you go.
- C. Pay less by using more.
- D. Save when you reserve.

Answer

Correct answer: D

4. A company is migrating its on-premises database to Amazon RDS. What should the company do to ensure Amazon RDS costs are kept to a minimum?

- A. Right-size before and after migration.
- B. Use a Multi-Region Active-Passive architecture.
- C. Combine On-demand Capacity Reservations with Saving Plans.
- D. Use a Multi-Region Active-Active architecture.

Answer

Correct answer: A

5. What is the primary storage service used by Amazon RDS database instances?

- A. Amazon Glacier.
- B. Amazon EBS.
- C. Amazon EFS.
- D. Amazon S3.

Answer

Correct answer: B

6. A company is developing a new application using a microservices framework. The new application is having performance and latency issues. Which AWS Service should be used to troubleshoot these issues?

- A. AWS CodePipeline.
- B. AWS X-Ray.
- C. Amazon Inspector.
- D. AWS CloudTrail.

Answer

Correct answer: B

7. Which of the following AWS services is designed with native Multi-AZ fault tolerance in mind? (Choose TWO)

- A. Amazon Redshift.
- B. AWS Snowball.
- C. Amazon Simple Storage Service.
- D. Amazon EBS.
- E. Amazon DynamoDB.

Answer

Correct answer: C, E

8. What are the Amazon RDS features that can be used to improve the availability of your database? (Choose TWO)

- A. AWS Regions.
- B. Multi-AZ Deployment.
- C. Automatic patching.
- D. Read Replicas.
- E. Edge Locations.

Answer

Correct answer: B, D

9. Sarah has deployed an application in the Northern California (us-west-1) region. After examining the application's traffic, she notices that about 30% of the traffic is coming from Asia. What can she do to reduce latency for the users in Asia?
- A. Replicate the current resources across multiple Availability Zones within the same region.
 - B. Migrate the application to a hosting provider in Asia.
 - C. Recreate the website content.
 - D. Create a CDN using CloudFront, so that content is cached at Edge Locations close to and in Asia.

Answer

Correct answer: D

10. An organization runs many systems and uses many AWS products. Which of the following services enables them to control how each developer interacts with these products?
- A. AWS Identity and Access Management.
 - B. Amazon RDS.
 - C. Network Access Control Lists.
 - D. Amazon EMR.

Answer

Correct answer: A

11. Using Amazon EC2 falls under which of the following cloud computing models?
- A. IaaS & SaaS.
 - B. IaaS.
 - C. SaaS.
 - D. PaaS.

Answer

Correct answer: B

12. Which of the below is a best-practice when building applications on AWS?
- A. Strengthen physical security by applying the principle of least privilege.
 - B. Ensure that the application runs on hardware from trusted vendors.
 - C. Use IAM policies to maintain performance.
 - D. Decouple the components of the application so that they run independently.

Answer

Correct answer: D

13. Your company is designing a new application that will store and retrieve photos and videos. Which of the following services should you recommend as the underlying storage mechanism?
- A. Amazon EBS.
 - B. Amazon SQS.
 - C. Amazon Instance store.
 - D. Amazon S3.

Answer

Correct answer: D

14. Amazon Glacier is an Amazon S3 storage class that is suitable for storing [...] & [...]. (Choose TWO)
- A. Active archives.
 - B. Dynamic websites' assets.
 - C. Long-term analytic data.
 - D. Active databases.
 - E. Cached data.

Answer

Correct answer: A, C

15. What does Amazon Elastic Beanstalk provide?
- A. A PaaS solution to automate application deployment.
 - B. A compute engine for Amazon ECS.
 - C. A scalable file storage solution for use with AWS and on-premises servers.
 - D. A NoSQL database service.

Answer

Correct answer: A

16. What is the AWS service that performs automated network assessments of Amazon EC2 instances to check for vulnerabilities?
- A. Amazon Kinesis.
 - B. Security groups.
 - C. Amazon Inspector.
 - D. AWS Network Access Control Lists.

Answer

Correct answer: C

17. Under the Shared Responsibility Model, which of the following controls do customers fully inherit from AWS? (Choose TWO)

- A. Patch management controls.
- B. Database controls.
- C. Awareness & Training.
- D. Environmental controls.
- E. Physical controls.

Answer

Correct answer: D, E

18. A company needs to host a database in Amazon RDS for at least three years. Which of the following options would be the most cost-effective solution?
- A. Reserved instances - No Upfront.
 - B. Reserved instances - Partial Upfront.
 - C. On-Demand instances.
 - D. Spot Instances.

Answer

Correct answer: B

19. Your application has recently experienced significant global growth, and international users are complaining of high latency. What is the AWS characteristic that can help improve your international users' experience?
- A. Elasticity.
 - B. Global reach.
 - C. Data durability.
 - D. High availability.

Answer

Correct answer: B

20. Savings Plans are available for which of the following AWS compute services? (Choose TWO)
- A. AWS Batch.
 - B. AWS Outposts.
 - C. Amazon Lightsail.
 - D. Amazon EC2.
 - E. AWS Lambda.

Answer

Correct answer: D, E

21. A company has business critical workloads hosted on AWS and they are unwilling to accept any downtime. Which of the following is a recommended best practice to protect their workloads in the event of an unexpected natural disaster?
- A. Replicate data across multiple Edge Locations worldwide and use Amazon CloudFront to perform automatic failover in the event of an outage.
 - B. Deploy AWS resources across multiple Availability Zones within the same AWS Region.
 - C. Create point-in-time backups in another subnet and recover this data when a disaster occurs.
 - D. Deploy AWS resources to another AWS Region and implement an Active-Active disaster recovery strategy.

Answer

Correct answer: D

22. Which statement is correct with regards to AWS service limits? (Choose TWO)
- A. You can contact AWS support to increase the service limits.
 - B. Each IAM user has the same service limit.
 - C. There are no service limits on AWS.
 - D. You can use the AWS Trusted Advisor to monitor your service limits.
 - E. The Amazon Simple Email Service is responsible for sending email notifications when usage approaches a service limit.

Answer

Correct answer: A, D

23. What is the AWS tool that enables you to use scripts to manage all AWS services and resources?
- A. AWS Console.
 - B. AWS Service Catalog.
 - C. AWS OpsWorks.
 - D. AWS CLI.

Answer

Correct answer: D

24. What are the connectivity options that can be used to build hybrid cloud architectures? (Choose TWO)
- A. AWS Artifact.
 - B. AWS Cloud9.
 - C. AWS Direct Connect.
 - D. AWS CloudTrail.
 - E. AWS VPN.

Answer

Correct answer: C, E

25. A company has deployed a new web application on multiple Amazon EC2 instances. Which of the following should they use to ensure that the incoming HTTP traffic is distributed evenly across the instances?
- A. AWS EC2 Auto Recovery.
 - B. AWS Auto Scaling.
 - C. AWS Network Load Balancer.
 - D. AWS Application Load Balancer.

Answer

Correct answer: D

26. Which of the following AWS offerings is a MySQL-compatible relational database service that can scale capacity automatically based on demand?
- A. Amazon Neptune.
 - B. Amazon Aurora.
 - C. Amazon RDS for SQL Server.
 - D. Amazon RDS for PostgreSQL.

Answer

Correct answer: B

27. Which of the following can help protect your EC2 instances from DDoS attacks? (Choose TWO)
- A. AWS CloudHSM.
 - B. Security Groups.
 - C. AWS Batch.
 - D. AWS IAM.
 - E. Network Access Control Lists (Network ACLs).

Answer

Correct answer: B, E

28. What is the AWS data warehouse service that supports a high level of query performance on large amounts of datasets?
- A. Amazon Redshift.
 - B. Amazon Kinesis.
 - C. Amazon DynamoDB.
 - D. Amazon RDS.

Answer

Correct answer: A

29. Which of the following should be considered when performing a TCO analysis to compare the costs of running an application on AWS instead of on-premises?
- A. Application development.
 - B. Market research.
 - C. Business analysis.
 - D. Physical hardware.

Answer

Correct answer: D

30. How are AWS customers billed for Linux-based Amazon EC2 usage?
- A. EC2 instances will be billed on one second increments, with a minimum of one minute.
 - B. EC2 instances will be billed on one hour increments, with a minimum of one day.
 - C. EC2 instances will be billed on one minute increments, with a minimum of one hour.
 - D. EC2 instances will be billed on one day increments, with a minimum of one month.

Answer

Correct answer: A

31. Which of the following will impact the price paid for an EC2 instance? (Choose TWO)
- A. Instance type.
 - B. The Availability Zone where the instance is provisioned.
 - C. Load balancing.
 - D. Number of buckets.
 - E. Number of private IPs.

Answer

Correct answer: A, B

32. A customer spent a lot of time configuring a newly deployed Amazon EC2 instance. After the workload increases, the customer decides to provision another EC2 instance with an identical configuration. How can the customer achieve this?
- A. By creating an AWS Config template from the old instance and launching a new instance from it.
 - B. By creating an EBS Snapshot of the old instance.
 - C. By installing Aurora on EC2 and launching a new instance from it.
 - D. By creating an AMI from the old instance and launching a new instance from it.

Answer

Correct answer: D

33. A company uses AWS Organizations to manage all of its AWS accounts. Which of the following allows the company to restrict what services and actions are allowed in each individual account?
- A. IAM Principals.
 - B. AWS Service Control Policies (SCPs).
 - C. IAM policies.
 - D. AWS Fargate.

Answer

Correct answer: B

34. Which of the following statements describes the AWS Cloud's agility?
- A. AWS allows you to host your applications in multiple regions around the world.
 - B. AWS provides customizable hardware at the lowest possible cost.
 - C. AWS allows you to provision resources in minutes.
 - D. AWS allows you to pay upfront to reduce costs.

Answer

Correct answer: C

35. What are the benefits of using the Amazon Relational Database Service? (Choose TWO)
- A. Lower administrative burden.
 - B. Complete control over the underlying host.
 - C. Resizable compute capacity.
 - D. Scales automatically to larger or smaller instance types.
 - E. Supports the document and key-value data structure.

Answer

Correct answer: A, C

36. What is the connectivity option that uses Internet Protocol Security (IPSec) to establish encrypted connectivity between an on-premises network and the AWS Cloud?
- A. Internet Gateway.
 - B. AWS IQ.
 - C. AWS Direct Connect.
 - D. AWS Site-to-Site VPN.

Answer

Correct answer: D

37. What is the minimum level of AWS support that provides 24x7 access to technical support engineers via phone and chat?
- A. Enterprise Support.
 - B. Developer Support.
 - C. Basic Support.
 - D. Business Support.

Answer

Correct answer: D

38. Which of the following is used to control network traffic in AWS? (Choose TWO)
- A. Network Access Control Lists (NACLs).
 - B. Key Pairs.
 - C. Access Keys.
 - D. IAM Policies.
 - E. Security Groups.

Answer

Correct answer: A, E

39. A company has developed a media transcoding application in AWS. The application is designed to recover quickly from hardware failures. Which one of the following types of instance would be the most cost-effective choice to use?
- A. Reserved instances.
 - B. Spot Instances.
 - C. On-Demand instances.
 - D. Dedicated instances.

Answer

Correct answer: B

40. Which AWS Service provides the current status of all AWS Services in all AWS Regions?
- A. AWS Service Health Dashboard.
 - B. AWS Management Console.
 - C. Amazon CloudWatch.
 - D. AWS Personal Health Dashboard.

Answer

Correct answer: A

41. Which AWS service or feature can be used to call AWS Services from different programming languages?

- A. AWS Software Development Kit.
- B. AWS Command Line Interface.
- C. AWS CodeDeploy.
- D. AWS Management Console.

Answer

Correct answer: A

42. Which AWS Service can be used to register a new domain name?

- A. Amazon Personalize.
- B. Amazon Route 53.
- C. AWS KMS.
- D. AWS Config.

Answer

Correct answer: B

43. App development companies move their business to AWS to reduce time-to-market and improve customer satisfaction, what are the AWS automation tools that help them deploy their applications faster? (Choose TWO)

- A. AWS CloudFormation.
- B. AWS Migration Hub.
- C. AWS IAM.
- D. AWS Elastic Beanstalk.
- E. Amazon Macie.

Answer

Correct answer: A, D

44. Which AWS service provides cost-optimization recommendations?

- A. AWS Trusted Advisor.
- B. AWS Pricing Calculator.
- C. Amazon QuickSight.
- D. AWS X-Ray.

Answer

Correct answer: A

45. A company has hundreds of VPCs in multiple AWS Regions worldwide. What service does AWS offer to simplify the connection management among the VPCs?

- A. VPC Peering.
- B. AWS Transit Gateway.
- C. Amazon Connect.
- D. Security Groups.

Answer

Correct answer: B

46. What is one benefit and one drawback of buying a reserved EC2 instance? (Select TWO)

- A. Instances can be shut down by AWS at any time with no notification.
- B. Reserved instances require at least a one-year pricing commitment.
- C. There is no additional charge for using dedicated instances.
- D. Reserved instances provide a significant discount compared to on-demand instances.
- E. Reserved instances are best suited for periodic workloads.

Answer

Correct answer: B, D

47. Why does every AWS Region contain multiple Availability Zones?

- A. Multiple Availability Zones allows you to build resilient and highly available architectures.
- B. Multiple Availability Zones results in lower total cost compared to deploying in a single Availability Zone.
- C. Multiple Availability Zones allows for data replication and global reach.
- D. Multiple Availability Zones within a region increases the storage capacity available in that region.

Answer

Correct answer: A

48. What is the most cost-effective purchasing option for running a set of EC2 instances that must always be available for a period of two months?

- A. On-Demand Instances.
- B. Spot Instances.
- C. Reserved Instances - All Upfront.
- D. Reserved Instances - No Upfront.

Answer

Correct answer: A

49. Which of the following is a benefit of running an application in multiple Availability Zones?

- A. Allows you to exceed AWS service limits.
- B. Reduces application response time between servers and global users.
- C. Increases available compute capacity.

- D. Increases the availability of your application.

Answer

Correct answer: D

50. Data security is one of the top priorities of AWS. How does AWS deal with old storage devices that have reached the end of their useful life?

- A. AWS sells the old devices to other hosting providers.
- B. AWS destroys the old devices in accordance with industry-standard practices.
- C. AWS sends the old devices for remanufacturing.
- D. AWS stores the old devices in a secure place.

Answer

Correct answer: B