Practice Exam 12

1. Which of the following components of the AWS Global Infrastructure consists of one or more discrete data centers interconnected through low latency links?
   - A. Availability Zone
   - B. Edge location
   - C. Region
   - D. Private networking

   Answer

   Correct answer: A

2. One benefit of On-Demand Amazon Elastic Compute Cloud (Amazon EC2) pricing is:
   - A. The ability to bid for a lower hourly cost.
   - B. Paying a daily rate regardless of time used.
   - C. Paying only for time used.
   - D. Pre-paying for instances and paying a lower hourly rate.

   Answer

   Correct answer: C

3. What can assist in evaluating an application for migration to the cloud? (Select TWO)
   - A. AWS Trusted Advisor.
   - B. AWS Professional Services.
   - C. AWS Systems Manager.
   - D. AWS Partner Network (APN).
   - E. AWS Secrets Manager.

   Answer

   Correct answer: B, D

4. A characteristic of edge locations is that they:
   - A. Host Amazon EC2 instances closer to users.
   - B. Help lower latency and improve performance for users.
   - C. Cache frequently changing data without reaching the origin server.
   - D. Refresh data changes daily.

   Answer

   Correct answer: B

5. Which of the following are valid ways for a customer to interact with AWS services? (Select TWO)
   - A. Command line interface.
   - B. On-premises.
   - C. Software Development Kits.
   - D. Software-as-a-service.
   - E. Hybrid.

   Answer

   Correct answer: A, C

6. What is a value proposition of the AWS Cloud?
   - A. AWS is responsible for security in the AWS Cloud.
   - B. No long-term contract is required.
   - C. Provision new servers in days.
   - D. AWS manages user applications in the AWS Cloud.

   Answer

   Correct answer: B

7. A company is migrating an application that is running non-interruptible workloads for a three-year time frame. Which pricing construct would provide the MOST cost-effective solution?
   - A. Amazon EC2 Spot Instances.
   - B. Amazon EC2 Dedicated Instances.
   - C. Amazon EC2 On-Demand Instances.
   - D. Amazon EC2 Reserved Instances.

   Answer

   Correct answer: D

8. Which AWS service is used to track record, and audit configuration changes made to AWS resources?
   - A. AWS Shield.
   - B. AWS Config.
   - C. AWS IAM.
   - D. Amazon Inspector.

   Answer

   Correct answer: B

9. Which feature of the AWS Cloud will support an international company's requirement for low latency to all of its customers?

- A. Fault tolerance.
- B. Global reach.
- C. Pay-as-you-go pricing.
- D. High availability.

Answer

Correct answer: B

10. How can one AWS account use Reserved Instances from another AWS account?
    - A. By using Amazon EC2 Dedicated Instances.
    - B. By using AWS Organizations consolidated billing.
    - C. By using the AWS Cost Explorer tool.
    - D. By using AWS Budgets.

    Answer

    Correct answer: B

11. What are the benefits of developing and running a new application in the AWS Cloud compared to on-premises? (Select TWO)
    - A. AWS automatically distributes the data globally for higher durability.
    - B. AWS will take care of operating the application.
    - C. AWS makes it easy to architect for high availability.
    - D. AWS can easily accommodate application demand changes.
    - E. AWS takes care of application security patching.

    Answer

    Correct answer: C, D

12. Which of the following services falls under the responsibility of the customer to maintain operating system configuration, security patching, and networking?
    - A. Amazon RDS.
    - B. Amazon EC2.
    - C. Amazon ElastiCache.
    - D. AWS Fargate.

    Answer

    Correct answer: B

13. AWS supports which of the following methods to add security to Identity and Access Management (IAM) users? (Select TWO)
    - A. Implementing Amazon Rekognition.
    - B. Using AWS Shield-protected resources.
    - C. Blocking access with Security Groups.
    - D. Using Multi-Factor Authentication (MFA).
    - E. Enforcing password strength and expiration.

    Answer

    Correct answer: D, E

14. Which service provides a hybrid storage service that enables on-premises applications to seamlessly use cloud storage?
    - A. Amazon Glacier
    - B. AWS Snowball
    - C. AWS Storage Gateway
    - D. Amazon Elastic Block Storage (Amazon EBS)

    Answer

    Correct answer: C

15. Where should a company go to search software listings from independent software vendors to find, test, buy and deploy software that runs on AWS?
    - A. AWS Marketplace.
    - B. Amazon Lumberyard.
    - C. AWS Artifact.
    - D. Amazon CloudSearch.

    Answer

    Correct answer: A

16. Which of the following is a component of the AWS Global Infrastructure?
    - A. Amazon Alexa.
    - B. AWS Regions.
    - C. Amazon Lightsail.
    - D. AWS Organizations.

    Answer

    Correct answer: B

17. Which Amazon EC2 pricing model adjusts based on supply and demand of EC2 instances?
    - A. On-Demand Instances.

- B. Reserved Instances.
- C. Spot Instances.
- D. Convertible Reserved Instances.

Answer

Correct answer: C

18. A company wants to migrate its applications to a VPC on AWS These applications will need to access on-premises resources. What combination of actions will enable the company to accomplish this goals? (Select TWO)
    - A. Use the AWS Service Catalog to identify a list of on-premises resources that can be migrated
    - B. Build a VPN connection between an on-premises device and a virtual private gateway in the new VPC
    - C. Use Amazon Athena to query data from the on-premises database servers
    - D. Connect the company's on-premises data center to AWS using AWS Direct Connect
    - E. Leverage Amazon CloudFront to restrict access to static web content provided through the company's on-premises web servers

Answer

Correct answer: B, D

19. A Cloud Practitioner must determine if any security groups in an AWS account have been provisioned to allow unrestricted access for specific ports. What is the SIMPLEST way to do this?
    - A. Review the inbound rules for each security group in the Amazon EC2 management console to check for port 0.0.0.0/0.
    - B. Run AWS Trusted Advisor and review the findings.
    - C. Open the AWS IAM console and check the inbound rule filters for open access.
    - D. In AWS Config, create a custom rule that invokes an AWS Lambda function to review firewall rules for inbound access.

Answer

Correct answer: B

20. Which of the following security-related services does AWS offer? (Select TWO)
    - A. Multi-factor authentication physical tokens.
    - B. AWS Trusted Advisor security checks.
    - C. Data encryption.
    - D. Automated penetration testing.
    - E. Amazon S3 copyrighted content detection.

Answer

Correct answer: B, C

21. Which of the following services have Distributed Denial of Service (DDoS) mitigation features? (Select TWO)
    - A. AWS WAF.
    - B. Amazon DynamoDB.
    - C. Amazon EC2.
    - D. Amazon CloudFront.
    - E. Amazon Inspector.

Answer

Correct answer: A, D

22. Which of the following AWS features enables a user to launch a pre-configured Amazon Elastic Compute Cloud (Amazon EC2) instance?
    - A. Amazon Elastic Block Store (Amazon EBS).
    - B. Amazon Machine Image.
    - C. Amazon EC2 Systems Manager.
    - D. Amazon AppStream 2.0.

Answer

Correct answer: B

23. A solution that is able to support growth in users, traffic, or data size with no drop in performance aligns with which cloud architecture principle?
    - A. Think parallel.
    - B. Implement elasticity.
    - C. Decouple your components.
    - D. Design for failure.

Answer

Correct answer: B

24. Which AWS Cloud benefit eliminates the need for users to try estimating future infrastructure usage?
    - A. Easy and fast deployment of applications in multiple Regions around the world.
    - B. Security of the AWS Cloud.
    - C. Elasticity of the AWS Cloud.
    - D. Lower variable costs due to massive economies of scale.

Answer

Correct answer: C

25. What can users access from AWS Artifact?
    - A. AWS security and compliance documents.
    - B. A download of configuration management details for all AWS resources.
    - C. Training materials for AWS services.
    - D. A security assessment of the applications deployed in the AWS Cloud.

    Answer

    Correct answer: A
26. Compared with costs in traditional and virtualized data centers, AWS has:
    - A. Greater variable costs and greater upfront costs.
    - B. Fixed usage costs and lower upfront costs.
    - C. Lower variable costs and greater upfront costs.
    - D. Lower variable costs and lower upfront costs.

    Answer

    Correct answer: D
27. Which AWS service would a customer use with a static website to achieve tower latency and high transfer speeds?
    - A. AWS Lambda.
    - B. Amazon DynamoDB Accelerator.
    - C. Amazon Route 53.
    - D. Amazon CloudFront.

    Answer

    Correct answer: D
28. How do Amazon EC2 Auto Scaling groups help achieve high availability for a web application?
    - A. They automatically add more instances across multiple AWS Regions based on global demand of the application.
    - B. They automatically add or replace instances across multiple Availability Zones when the application needs it.
    - C. They enable the application's stalk: content to reside closer to end users.
    - D. They are able to distribute incoming requests across a tier of web server instances.

    Answer

    Correct answer: B
29. Which of the following can limit Amazon Simple Storage Service (Amazon S3) bucket access to specific users?
    - A. A public and private key-pair.
    - B. Amazon Inspector.
    - C. AWS Identity and Access Management (IAM) policies.
    - D. Security Groups.

    Answer

    Correct answer: C
30. How should a customer forecast the future costs for running a new web application?
    - A. Amazon Aurora Backtrack.
    - B. Amazon CloudWatch Billing Alarms.
    - C. AWS Simple Monthly Calculator.
    - D. AWS Cost and Usage report.

    Answer

    Correct answer: C
31. Where are AWS compliance documents, such as an SOC 1 report, located?
    - A. Amazon Inspector.
    - B. AWS CloudTrail.
    - C. AWS Artifact.
    - D. AWS Certificate Manager.

    Answer

    Correct answer: C
32. Which of the following tasks is the responsibility of AWS?
    - A. Encrypting client-side data.
    - B. Configuring AWS Identity and Access Management (IAM) roles.
    - C. Securing the Amazon EC2 hypervisor.
    - D. Setting user password policies.

    Answer

    Correct answer: C
33. Under the shared responsibility model which of the following areas are the customer's responsibility? (Select TWO)
    - A. Firmware upgrades of network infrastructure.
    - B. Patching of operating systems.
    - C. Patching of the underlying hypervisor.
    - D. Physical security of data centers.
    - E. Configuration of the security group.

Answer

Correct answer: B, E

34. A company is looking for a scalable data warehouse solution. Which of the following AWS solutions would meet the company's needs?
    - A. Amazon Simple Storage Service (Amazon S3).
    - B. Amazon DynamoDB.
    - C. Amazon Kinesis.
    - D. Amazon Redshift.

    Answer

    Correct answer: D

35. Much AWS services provide a way to extend an on-premises architecture to the AWS Cloud? (Select TWO)
    - A. Amazon EBS.
    - B. AWS Direct Connect.
    - C. Amazon CloudFront.
    - D. AWS Storage Gateway.
    - E. Amazon Connect.

    Answer

    Correct answer: B, D

36. What are the advantages of the AWS Cloud (Select TWO)
    - A. Fixed rate monthly cost.
    - B. No need to guess capacity requirements.
    - C. Increased speed to market.
    - D. Increased upfront capital expenditure.
    - E. Physical access to cloud data centers.

    Answer

    Correct answer: B, C

37. How can the AWS Cloud increase user workforce productivity after migration from an on-premises data center?
    - A. Users do not have to wait for infrastructure provisioning.
    - B. The AWS Cloud infrastructure is much faster than an on-premises data center infrastructure.
    - C. AWS takes over application configuration management on behalf of users.
    - D. Users do not need to address security and compliance issues.

    Answer

    Correct answer: A

38. Which of the following services could be used to deploy an application to servers running on-premises? (Select TWO)
    - A. AWS Elastic Beanstalk.
    - B. AWS OpsWorks.
    - C. AWS CodeDeploy.
    - D. AWS Batch.
    - E. AWS X-Ray.

    Answer

    Correct answer: B, C

39. What is an example of agility in the AWS Cloud?
    - A. Access to multiple instance types.
    - B. Access to managed services.
    - C. Using Consolidated Billing to produce one bill.
    - D. Decreased acquisition time for new compute resources.

    Answer

    Correct answer: D

40. Which AWS security service protects applications from distributed denial of service attacks with always-on detection and automatic inline mitigations?
    - A. Amazon Inspector.
    - B. AWS Web Application Firewall (AWS WAF).
    - C. Elastic Load Balancing (ELB).
    - D. AWS Shield.

    Answer

    Correct answer: D

41. Which of the following are advantages of AWS consolidated billing? (Choose two)
    - A. The ability to receive one bill for multiple accounts.
    - B. Service limits increasing by default in all accounts.
    - C. A fixed discount on the monthly bill.
    - D. Potential volume discounts, as usage in all accounts is combined.
    - E. The automatic extension of the master account's AWS support plan to all accounts.

    Answer

Correct answer: A, D

42. A company is considering using AWS for a self-hosted database that requires a nightly shutdown for maintenance and cost-saving purposes. Which service should the company use?
    - A. Amazon Redshift.
    - B. Amazon DynamoDB.
    - C. Amazon Elastic Compute Cloud (Amazon EC2) with Amazon EC2 instance store.
    - D. Amazon EC2 with Amazon Elastic Block Store (Amazon EBS).

    Answer

    Correct answer: D