

Practice Exam 12

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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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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 goal? (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

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

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

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

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

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

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

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

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

27. Which AWS service would a customer use with a static website to achieve lower latency and high transfer speeds?

- A. AWS Lambda.
- B. Amazon DynamoDB Accelerator.
- C. Amazon Route 53.
- D. Amazon CloudFront.

► Answer

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 state: content to reside closer to end users.
- D. They are able to distribute incoming requests across a tier of web server instances.

► Answer

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

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

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

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

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

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

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

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

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

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

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

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

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

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

Please feel free to comment below if any information is inaccurate or if any answers need correction.

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