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**SUBJECT: CERTIFIED CLOUD
PRACTITIONER EXAM-2**
BATCH : B 303

AWS-DEVOPS



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1. Which AWS offering enables customers to find, buy, and immediately start using software solutions in their AWS environment?

- A. AWS Config
- B. AWS OpsWorks
- C. AWS SDK
- D. AWS Marketplace



2. Which AWS networking service enables a company to create a virtual network within AWS?

- A. Amazon Virtual Private Cloud (Amazon VPC)
- B. Amazon Route 53
- C. AWS Direct Connect
- D. AWS Config




3. Which of the following is AWS's responsibility under the AWS shared responsibility model?

- A. Configuring third-party applications
- B. Maintaining physical hardware
- C. Securing application access and data
- D. Managing custom Amazon Machine Images (AMIs)



4. Which component of AWS global infrastructure does Amazon CloudFront use to ensure low-latency delivery?

- A. AWS Regions
- B. AWS Edge Locations
- C. AWS Availability Zones
- D. Amazon Virtual Private Cloud (Amazon VPC)



5. How would a system administrator add an additional layer of login security to a user's AWS Management Console?

- A. Use AWS Cloud Directory
- B. Audit AWS Identity and Access Management (IAM) roles
- C. Enable Multi-Factor Authentication
- D. Enable AWS CloudTrail




6. Which service can identify the user that made the API call when an Amazon Elastic Compute Cloud (Amazon EC2) instance is terminated?

A. Amazon CloudWatch

B. AWS CloudTrail

C. AWS X-Ray

D. AWS Identity and Access Management (AWS IAM)




7. Which service would you use to send alerts based on Amazon CloudWatch alarms?

- A. Amazon Simple Notification Service (Amazon SNS)
- B. AWS CloudTrail
- C. AWS Trusted Advisor
- D. Amazon Route 53




8. Which AWS services can use AWS WAF to protect against common web exploitations? (Select TWO.)

- A. Amazon Route 53
- B. Amazon CloudFront
- C. AWS Transfer Family
- D. AWS Site-to-Site VPN
- E. Amazon API Gateway



9. A company needs steady and predictable performance from its Amazon EC2 instances at the lowest possible cost. The company also needs the ability to scale resources to ensure that it has the right resources available at the right time. Which AWS service or resource will meet these requirements?

- A. Amazon CloudWatch
- B. Application Load Balancer
- C. AWS Batch
- D. Amazon EC2 Auto Scaling




10. Which of the following can limit Amazon 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




11. What will help a company perform a cost benefit analysis of migrating to the AWS Cloud?

- A. Cost Explorer
- B. AWS Total Cost of Ownership (TCO) Calculator
- C. AWS Simple Monthly Calculator
- D. AWS Trusted Advisor




12. Which of the following provides the ability to share the cost benefits of Reserved Instances across AWS accounts?

- A. AWS Cost Explorer between AWS accounts
- B. Linked accounts and consolidated billing
- C. Amazon Elastic Compute Cloud (Amazon EC2) Reserved Instance Utilization Report
- D. Amazon EC2 Instance Usage Report between AWS accounts




13. A company has multiple AWS accounts and wants to simplify and consolidate its billing process.
Which AWS service will achieve this?

- A. AWS Cost and Usage Reports
- B. AWS Cost Explorer
- C. AWS Budgets
- D. AWS Organizations



14. A company is designing an application hosted in a single AWS Region serving end-users spread across the world. The company wants to provide the end-users low latency access to the application data. Which of the following services will help fulfill this requirement?

- A. Amazon CloudFront
 - B. AWS Direct Connect
 - C. Amazon Route 53 global DNS
 - D. Amazon Simple Storage Service (Amazon S3) transfer acceleration
- 



15. Which of the following deployment models enables customers to fully trade their capital IT expenses for operational expenses?

- A. On-premises
- B. Hybrid
- C. Cloud
- D. Platform as a service




16. How is asset management on AWS easier than asset management in a physical data center?

- A. AWS provides a Configuration Management Database that users can maintain.
- B. AWS performs infrastructure discovery scans on the customer's behalf.
- C. Amazon EC2 automatically generates an asset report and places it in the customer's specified Amazon S3 bucket.
- D. Users can gather asset metadata reliably with a few API calls.




17. What feature of Amazon RDS helps to create globally redundant databases?

- A. Snapshots
- B. Automatic patching and updating
- C. Cross-Region read replicas
- D. Provisioned IOPS



18. Using AWS Identity and Access Management (IAM) to grant access only to the resources needed to perform a task is a concept known as:

- A. restricted access.
- B. as-needed access.
- C. least privilege access.
- D. token access.



19. Which methods can be used to identify AWS costs by departments? (Choose two.)

- A. Enable multi-factor authentication for the AWS account root user.
- B. Create separate accounts for each department.
- C. Use Reserved Instances whenever possible.
- D. Use tags to associate each instance with a particular department.
- E. Pay bills using purchase orders.




20. Under the AWS shared responsibility model, customer responsibilities include which one of the following?

- A. Securing the hardware, software, facilities, and networks that run all products and services.
- B. Providing certificates, reports, and other documentation directly to AWS customers under NDA.
- C. Configuring the operating system, network, and firewall.
- D. Obtaining industry certifications and independent third-party attestations.




21. Which managed AWS service provides real-time guidance on AWS security best practices?

- A. AWS X-Ray
- B. AWS Trusted Advisor
- C. Amazon CloudWatch
- D. AWS Systems Manager




22. Under the AWS shared responsibility model, customers are responsible for which aspects of security in the cloud? (Choose two.)

- A. Visualization management
- B. Hardware management
- C. Encryption management
- D. Facilities management
- E. Firewall management




23. Which AWS hybrid storage service enables on-premises applications to seamlessly use AWS Cloud storage through standard file-storage protocols?

- A. AWS Direct Connect
- B. AWS Snowball
- C. AWS Storage Gateway
- D. AWS Snowball Edge




24. Which architectural principle is used when deploying an Amazon Relational Database Service (Amazon RDS) instance in Multiple Availability Zone mode?

- A. Implement loose coupling.
- B. Design for failure.
- C. Automate everything that can be automated.
- D. Use services, not servers.



25. What is a benefit of loose coupling as a principle of cloud architecture design?

- A. It facilitates low-latency request handling.
- B. It allows applications to have dependent workflows.
- C. It prevents cascading failures between different components.
- D. It allows companies to focus on their physical data center operations.




26. A director has been tasked with investigating hybrid cloud architecture. The company currently accesses AWS over the public internet.
Which service will facilitate private hybrid connectivity?

- A. Amazon Virtual Private Cloud (Amazon VPC) NAT Gateway
- B. AWS Direct Connect
- C. Amazon Simple Storage Service (Amazon S3) Transfer Acceleration
- D. AWS Web Application Firewall (AWS WAF)




27. 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




28. Which of the following is an AWS Well-Architected Framework design principle related to reliability?

- A. Deployment to a single Availability Zone
- B. Ability to recover from failure
- C. Design for cost optimization
- D. Perform operations as code



29. Which mechanism allows developers to access AWS services from application code?

- A. AWS Software Development Kit
- B. AWS Management Console
- C. AWS CodePipeline
- D. AWS Config



30. Which Amazon EC2 pricing model is the MOST cost efficient for an uninterruptible workload that runs once a year for 24 hours?

- A. On-Demand Instances
- B. Reserved Instances
- C. Spot Instances
- D. Dedicated Instances




31. Which Amazon Virtual Private Cloud (Amazon VPC) feature enables users to connect two VPCs together?

- A. Amazon VPC endpoints
- B. Amazon Elastic Compute Cloud (Amazon EC2) ClassicLink
- C. Amazon VPC peering
- D. AWS Direct Connect




32. Which service's PRIMARY purpose is software version control?

- A. Amazon CodeStar
- B. AWS Command Line Interface (AWS CLI)
- C. Amazon Cognito
- D. AWS CodeCommit



33. Which of the following BEST describe the AWS pricing model? (Choose two.)

- A. Fixed-term
- B. Pay-as-you-go
- C. Colocation
- D. Planned
- E. Variable cost



34. Which load balancer types are available with Elastic Load Balancing (ELB)? (Choose two.)

- A. Public load balancers with AWS Application Auto Scaling capabilities
- B. F5 Big-IP and Citrix NetScaler load balancers
- C. Classic Load Balancers
- D. Cross-zone load balancers with public and private IPs
- E. Application Load Balancers




35. How can a user protect against AWS service disruptions if a natural disaster affects an entire geographic area?

- A. Deploy applications across multiple Availability Zones within an AWS Region.
- B. Use a hybrid cloud computing deployment model within the geographic area.
- C. Deploy applications across multiple AWS Regions.
- D. Store application artifacts using AWS Artifact and replicate them across multiple AWS Regions.




36. Which credential components are required to gain programmatic access to an AWS account? (Select TWO.)

- A. An access key ID
- B. A primary key
- C. A secret access key
- D. A user ID
- E. A secondary key



37. A company wants to create a learning application for students. The learning application must give students the option to choose a button to have the text read out loud to them. Which AWS machine learning service will meet this requirement?

- A. Amazon Transcribe
- B. Amazon Polly
- C. Amazon Translate
- D. Amazon Textract



38. What are the advantages of deploying an application with Amazon EC2 instances in multiple Availability Zones? (Select TWO.)

- A. Preventing a single point of failure
- B. Reducing the operational costs of the application
- C. Allowing the application to serve cross-Region users with low latency
- D. Increasing the availability of the application
- E. Increasing the load of the application



39. What is the MINIMUM AWS Support plan that provides technical support through phone calls?

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




40. A user deploys an Amazon RDS DB instance in multiple Availability Zones.

This strategy involves which pillar of the AWS Well-Architected Framework?

- A. Performance efficiency
- B. Reliability
- C. Cost optimization
- D. Security


41. What are benefits of using the AWS Cloud for companies with customers in many countries around the world? (Select TWO.)

- A. Companies can deploy applications in multiple AWS Regions to reduce latency.
- B. Amazon Translate automatically translates third-party website interfaces into multiple languages.
- C. Amazon CloudFront has multiple edge locations around the world to reduce latency.
- D. Amazon Comprehend allows users to build applications that can respond to user requests in many languages.
- E. Elastic Load Balancing can distribute application web traffic to multiple AWS Regions around the world, which reduces latency.




42. Which AWS service identifies security groups that allow unrestricted access to a user's AWS resources?

- A. AWS Trusted Advisor
- B. AWS Config
- C. Amazon CloudWatch
- D. AWS CloudTrail



43. Which of the functionalities are characteristics of Amazon S3? (Select TWO.)


- A. A global file system
- B. An object store
- C. A local file store
- D. A network file system
- E. A durable storage system



44. A company wants to establish a consistent and private connection from the company's on-premises data center to the AWS Cloud.


Which AWS service will meet these requirements?

- A. AWS Client VPN
- B. Amazon Connect
- C. AWS Direct Connect
- D. AWS Site-to-Site VPN




45. Which AWS service allows customers to purchase unused Amazon EC2 capacity at an often discounted rate?

- A. Reserved Instances
- B. On-Demand Instances
- C. Dedicated Instances
- D. Spot Instances



46. Which tasks are the customer's responsibility according to the AWS shared responsibility model? (Select TWO.)


- A. Patch the operating system that AWS Lambda functions use.
- B. Install patches on Amazon RDS DB instances.
- C. Control physical access to the data center that contains a customer's VPC.
- D. Configure IAM users according to the principle of least privilege.
- E. Configure an Amazon S3 bucket to allow public access.



47. A company has an on-premises Linux-based server with an Oracle database that runs on it. The company wants to migrate the database server to run on an Amazon EC2 instance in AWS.


Which service should the company use to complete the migration?

- A. AWS Database Migration Service (AWS DMS)
- B. AWS Migration Hub
- C. AWS Application Migration Service (AWS MGN)
- D. AWS Application Discovery Service



48. Each department within a company has its own independent AWS account and its own payment method. The company needs to centralize departmental governance and consolidate payments.
How can the company achieve these objectives by using AWS services or features?


- A. Use AWS Cloud Map on each departmental account.
- B. Create an organization in AWS Organizations with all features enabled within one account. Invite all accounts to join the organization.
- C. Use AWS Systems Manager OpsCenter.
- D. Use the AWS Cost and Usage Reports page of the AWS Billing and Cost Management console.



49. A company is hosting a static website from a single Amazon S3 bucket.


Which AWS service will achieve lower latency and high transfer speeds?

- A. AWS Elastic Beanstalk
- B. Amazon DynamoDB Accelerator (DAX)
- C. Amazon Route 53
- D. Amazon CloudFront




50. A company is moving all of their development activities to AWS. The company wants a solution to store and manage their developers' source code. Which AWS coding service will meet this requirement?

- A. AWS CodeArtifact
- B. AWS CodeBuild
- C. AWS CodePipeline
- D. AWS CodeCommit




51. How does AWS charge for AWS Lambda usage once the free tier has been exceeded? (Select TWO.)

- A. By the time it takes for the Lambda function to run
- B. By the number of versions of a specific Lambda function
- C. By the number of requests made for a given Lambda function
- D. By the programming language that is used for the Lambda function
- E. By the total number of Lambda functions in an AWS account



52. A company requires a relational database on AWS that records new customer orders from a website. Which AWS service or feature will meet this requirement?


- A. AWS Global Accelerator
- B. Amazon DynamoDB
- C. Amazon Aurora
- D. Amazon Elastic Block Store (Amazon EBS)



53. A user needs to automatically discover, classify, and protect sensitive data stored in Amazon S3.


Which AWS service can meet these requirements?

- A. Amazon Inspector
- B. Amazon Macie
- C. Amazon GuardDuty
- D. AWS Secrets Manager




54. A company requires an encrypted connection between the company's on-premises servers and AWS. The connection must use the company's existing internet connection.
Which solution will meet these requirements?

- A. AWS Direct Connect
- B. Amazon Connect
- C. Amazon CloudFront
- D. AWS Site-to-Site VPN



55. A company needs to monitor and receive alerts about AWS Management Console sign-in events that involve the AWS account root user.
Which AWS service can the company use to meet these requirements?

- A. Amazon CloudWatch
- B. AWS Config
- C. AWS Trusted Advisor
- D. AWS Identity and Access Management (IAM)



56. Which AWS service or feature can be used to prevent SQL injection attacks?

- A. Security groups
- B. Network ACLs
- C. AWS WAF
- D. IAM policy




57. AWS CloudFormation is designed to help the user:

- A. model and provision resources.
- B. update application code.
- C. set up data lakes.
- D. create reports for billing.




58. Which AWS service allows users to identify the changes made to a resource over time?

- A. Amazon Inspector
- B. AWS Config
- C. AWS Service Catalog
- D. AWS IAM




59. Which AWS service needs to be enabled to track all user account changes within the AWS Management Console?

- A. AWS CloudTrail
- B. Amazon Simple Notification Service (Amazon SNS)
- C. VPC Flow Logs
- D. AWS CloudHSM




60. A user is planning to launch two additional Amazon EC2 instances to increase availability.
Which action should the user take?

- A. Launch the instances across multiple Availability Zones in a single AWS Region.
- B. Launch the instances as EC2 Reserved Instances in the same AWS Region and the same Availability Zone.
- C. Launch the instances in multiple AWS Regions, but in the same Availability Zone.
- D. Launch the instances as EC2 Spot Instances in the same AWS Region, but in different Availability Zones.




61. A company must store critical business data in Amazon S3 with a backup to another AWS Region. How can this be achieved?

- A. Use an Amazon CloudFront Content Delivery Network (CDN) to cache data globally
- B. Set up Amazon S3 cross-region replication to another AWS Region
- C. Configure the AWS Backup service to back up the data to another AWS Region
- D. Take Amazon S3 bucket snapshots and copy that data to another AWS Region



62. What AWS benefit refers to a customer's ability to deploy applications that scale up and down the meet variable demand?

- A. Elasticity
- B. Agility
- C. Security
- D. Scalability



63. A company has multiple data sources across the organization and wants to consolidate data into one data warehouse.


Which AWS service can be used to meet this requirement?

- A. Amazon DynamoDB
- B. Amazon Redshift
- C. Amazon Athena
- D. Amazon QuickSight



64. What is the main benefit of attaching security groups to an Amazon RDS instance?

- A. Manages user access and encryption keys.
- B. Controls what IP address ranges can connect to your database instance.
- C. Deploys SSL/TLS certificates for use with your database instance.
- D. Distributes incoming traffic across multiple targets.



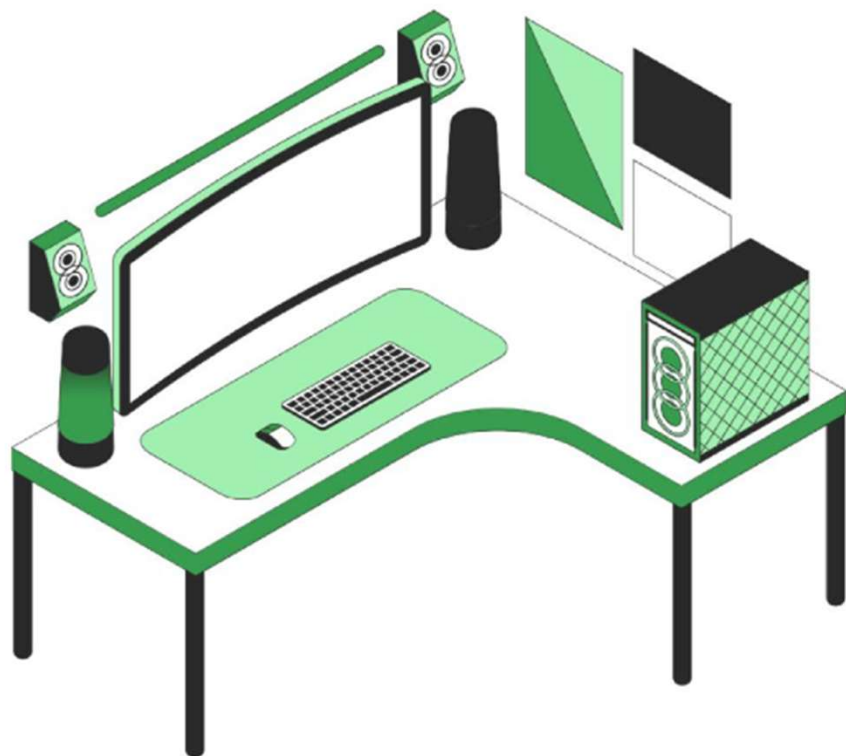
65. You have been tasked with auditing the security of your VPC. As part of this process, you need to start by analyzing what inbound and outbound traffic is allowed on your EC2 instances. What two parts of the VPC do you need to check to accomplish this task?

- A. Network ACLs and Traffic Manager.
- B. Network ACLs and Subnets.
- C. Security Groups and Internet Gateways.
- D. Security Groups and Network ACLs.



Cloud Practitioner II

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Do you have any questions?

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