

## Memo 2

AWS Certified Cloud Practitioner Mock Exam 2 - Tunisia (v1)

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### Test taker's answer

**a**

Correct

**r**

Incorrect

=

Partial Credit

- r** 1) Which AWS Cost Management tool allows you to view the most granular data about your AWS bill?
- a) AWS Cost Explorer
  - b) AWS Budgets
  - c) AWS Cost and Usage report**
  - d) AWS Billing dashboard
- r** 2) Which of the following can an AWS customer use to launch a new Amazon Relational Database Service (Amazon RDS) cluster?
- a) AWS Concierge
  - b) AWS CloudFormation
  - c) Amazon Simple Storage Service (Amazon S3)
  - d) Amazon EC2 Auto Scaling
  - e) AWS Management Console**
- r** 3) Which of the following is an AWS Cloud architecture design principle?
- a) Implement single points of failure.
  - b) Implement loose coupling.**
  - c) Implement monolithic design.
  - d) Implement vertical scaling.
- r** 4) Which of the following security measures protect access to an AWS account? (Choose two.)
- a) Enable AWS CloudTrail.
  - b) Grant least privilege access to IAM users.**
  - c) Create one IAM user and share it with many developers and users.
  - d) Enable Amazon CloudFront.
  - e) Activate multi-factor authentication (MFA) for privileged users.**
- r** 5) 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)

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- r** 6) Which of the following services falls under the responsibility of the customer to maintain the operating system configuration, security patching, and networking?

  - a) Amazon RDS
  - b) Amazon EC2**
  - c) Amazon ElastiCache
  - d) AWS Fargate
  
- r** 7) Which of the following is an important architectural design principle when designing cloud applications?

  - a) Use multiple Availability Zones.**
  - b) Use tightly coupled components.
  - c) Use open-source software.
  - d) Provision extra capacity.
  
- r** 8) Which AWS support plan includes a dedicated Technical Account Manager?

  - a) Enterprise**
  - b) Developer
  - c) Business
  - d) Basic
  
- r** 9) Amazon Relational Database Service (Amazon RDS) offers which of the following benefits over traditional database management?

  - a) AWS manages the data stored in Amazon RDS tables.
  - b) AWS manages the maintenance of the operating system.**
  - c) AWS automatically scales up instance types on demand.
  - d) AWS manages the database type.
  
- r** 10) Which service is best for storing common database query results, which helps to alleviate database access load?

  - a) Amazon Machine Learning
  - b) Amazon SQS
  - c) Amazon ElastiCache**
  - d) Amazon EC2 Instance Store
  
- r** 11) Which options does AWS make available for customers who want to learn about security in the cloud in an instructor-led setting? (Choose two.)

  - a) AWS Trusted Advisor
  - b) AWS Online Tech Talks**
  - c) AWS Blog
  - d) AWS Forums
  - e) AWS Classroom Training**

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- r** 12) Which of the following features can be configured through the Amazon Virtual Private Cloud (Amazon VPC) Dashboard? (Choose two.)
- a) Amazon CloudFront distributions
  - b) Amazon Route 53
  - c) Security Groups**
  - d) Subnets**
  - e) Elastic Load Balancing
- r** 13) If each department within a company has its own AWS account, what is one way to enable consolidated billing?
- a) Use AWS Budgets on each account to pay only to budget.
  - b) Contact AWS Support for a monthly bill.
  - c) Create an AWS Organization from the payer account and invite the other accounts to join.**
  - d) Put all invoices into one Amazon Simple Storage Service (Amazon S3) bucket, load data into Amazon Redshift, and then run a billing report.
- r** 14) How do customers benefit from Amazon's massive economies of scale?
- a) Periodic price reductions as the result of Amazon's operational efficiencies**
  - b) New Amazon EC2 instance types providing the latest hardware
  - c) The ability to scale up and down when needed
  - d) Increased reliability in the underlying hardware of Amazon EC2 instances
- r** 15) Which AWS services can be used to gather information about AWS account activity? (Choose two.)
- a) Amazon CloudFront
  - b) AWS Cloud9
  - c) AWS CloudTrail**
  - d) AWS CloudHSM
  - e) Amazon CloudWatch**
- r** 16) Which of the following common IT tasks can AWS cover to free up company IT resources? (Choose two.)
- a) Patching databases software**
  - b) Testing application releases
  - c) Backing up databases**
  - d) Creating database schema
  - e) Running penetration tests

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- r** 17) In which scenario should Amazon EC2 Spot Instances be used?
- a) A company wants to move its main website to AWS from an on-premises web server.
  - b) A company has a number of application services whose Service Level Agreement (SLA) requires 99.999% uptime.
  - c) A company's heavily used legacy database is currently running on-premises.
  - d) A company has a number of infrequent, interruptible jobs that are currently using On-Demand Instances.**
- r** 18) Which AWS feature should a customer leverage to achieve high availability of an application?
- a) AWS Direct Connect
  - b) Availability Zones**
  - c) Datacenters
  - d) Amazon Virtual Private Cloud (Amazon VPC)
- r** 19) Which is the minimum AWS Support plan that includes Infrastructure Event Management without additional costs?
- a) Enterprise**
  - b) Business
  - c) Developer
  - d) Basic
- r** 20) Which AWS service can serve a static website?
- a) Amazon S3**
  - b) Amazon Route 53
  - c) Amazon QuickSight
  - d) AWS X-Ray
- r** 21) How does AWS shorten the time to provision IT resources?
- a) It supplies an online IT ticketing platform for resource requests.
  - b) It supports automatic code validation services.
  - c) It provides the ability to programmatically provision existing resources.**
  - d) It automates the resource request process from a company's IT vendor list.
- r** 22) What can AWS edge locations be used for? (Choose two.)
- a) Hosting applications
  - b) Delivering content closer to users**
  - c) Running NoSQL database caching services
  - d) Reducing traffic on the server by caching responses**
  - e) Sending notification messages to end-users

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- r** 23) 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
  
- r** 24) 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
  
- r** 25) A company will be moving from an on-premises data center to the AWS Cloud. What would be one financial difference after the move?

  - a) Moving from variable operational expense (opex) to upfront capital expense (capex).
  - b) Moving from upfront capital expense (capex) to variable capital expense (capex).
  - c) Moving from upfront capital expense (capex) to variable operational expense (opex).**
  - d) Elimination of upfront capital expense (capex) and elimination of variable operational expense (opex).
  
- r** 26) 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
  
- r** 27) Which is the MINIMUM AWS Support plan that provides technical support through phone calls?

  - a) Enterprise
  - b) Business**
  - c) Developer
  - d) Basic
  
- r** 28) 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

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- r** 29) 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 the time used.**
  - d) pre-paying for instances and paying a lower hourly rate.
- r** 30) An administrator needs to rapidly deploy a popular IT solution and start using it immediately. Where can the administrator find assistance?
- a) AWS Well-Architected Framework documentation
  - b) Amazon CloudFront
  - c) AWS CodeCommit
  - d) AWS Quick Start reference deployments**
- r** 31) Which of the following services is in the category of AWS serverless platform?
- a) Amazon EMR
  - b) Elastic Load Balancing
  - c) AWS Lambda**
  - d) AWS Mobile Hub
- r** 32) Which services are parts of the AWS serverless platform?
- a) Amazon EC2, Amazon S3, Amazon Athena
  - b) Amazon Kinesis, Amazon SQS, Amazon EMR
  - c) AWS Step Functions, Amazon DynamoDB, Amazon SNS**
  - d) Amazon Athena, Amazon Cognito, Amazon EC2
- r** 33) According to the AWS shared responsibility model, what is the sole responsibility of AWS?
- a) Application security
  - b) Edge location management**
  - c) Patch management
  - d) Client-side data
- r** 34) Which AWS IAM feature is used to associate a set of permissions with multiple users?
- a) Multi-factor authentication
  - b) Groups**
  - c) Password policies
  - d) Access keys

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- r** 35) Which of the following are benefits of the AWS Cloud? (Choose two.)
- a) Unlimited uptime
  - b) Elasticity**
  - c) Agility**
  - d) Colocation
  - e) Capital expenses
- r** 36) Which of the following can a customer use to enable single sign-on (SSO) to the AWS Console?
- a) Amazon Connect
  - b) AWS Directory Service**
  - c) Amazon Pinpoint
  - d) Amazon Rekognition
- r** 37) What are the multiple, isolated locations within an AWS Region that are connected by low-latency networks called?
- a) AWS Direct Connects
  - b) Amazon VPCs
  - c) Edge locations
  - d) Availability Zones**
- r** 38) Which of the following benefits does the AWS Compliance program provide to AWS customers? (Choose two.)
- a) It verifies that hosted workloads are automatically compliant with the controls of supported compliance frameworks.
  - b) AWS is responsible for the maintenance of common compliance framework documentation.**
  - c) It assures customers that AWS is maintaining physical security and data protection.**
  - d) It ensures the use of compliance frameworks that are being used by other cloud providers.
  - e) It will adopt new compliance frameworks as they become relevant to customer workloads.
- r** 39) Which of the following services provides on-demand access to AWS compliance reports?
- a) AWS IAM
  - b) AWS Artifact**
  - c) Amazon GuardDuty
  - d) AWS KMS

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- r** 40) As part of the AWS shared responsibility model, which of the following operational controls do users fully inherit from AWS?
- a) Security management of data center**
  - b) Patch management
  - c) Configuration management
  - d) User and access management
- r** 41) When comparing AWS Cloud with on-premises Total Cost of Ownership, which expenses must be considered? (Choose two.)
- a) Software development
  - b) Project management
  - c) Storage hardware**
  - d) Physical servers**
  - e) Antivirus software license
- r** 42) Under the shared responsibility model, which of the following tasks are the responsibility of the customer? (Choose two.)
- a) Maintaining the underlying Amazon EC2 hardware.
  - b) Managing the VPC network access control lists.**
  - c) Encrypting data in transit and at rest.**
  - d) Replacing failed hard disk drives.
  - e) Deploying hardware in different Availability Zones.
- r** 43) Which scenarios represent the concept of elasticity on AWS? (Choose two.)
- a) Scaling the number of Amazon EC2 instances based on traffic.**
  - b) Resizing Amazon RDS instances as businesses need change.**
  - c) Automatically directing traffic to less-utilized Amazon EC2 instances.
  - d) Using AWS compliance documents to accelerate the compliance process.
  - e) Having the ability to create and govern environments using code.
- r** 44) When is it beneficial for a company to use a Spot Instance?
- a) When there is flexibility in when an application needs to run.**
  - b) When there are mission-critical workloads.
  - c) When dedicated capacity is needed.
  - d) When an instance should not be stopped.



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- r** 45) A company is considering moving its on-premises data center to AWS. What factors should be included in doing a Total Cost of Ownership (TCO) analysis? (Choose two.)
- a) Amazon EC2 instance availability
  - b) Power consumption of the data center**
  - c) Labor costs to replace old servers**
  - d) Application developer time
  - e) Database engine capacity
- r** 46) How does AWS charge for AWS Lambda?
- a) Users bid on the maximum price they are willing to pay per hour.
  - b) Users choose a 1-, 3- or 5-year upfront payment term.
  - c) Users pay for the required permanent storage on a file system or in a database.
  - d) Users pay based on the number of requests and consumed computing resources.**
- r** 47) What function do security groups serve related to Amazon Elastic Compute Cloud (Amazon EC2) instance security?
- a) Act as a virtual firewall for the Amazon EC2 instance.**
  - b) Secure AWS user accounts with AWS Identity and Access Management (IAM) policies.
  - c) Provide DDoS protection with AWS Shield.
  - d) Use Amazon CloudFront to protect the Amazon EC2 instance.
- r** 48) Which disaster recovery scenario offers the lowest probability of downtime?
- a) Backup and restore
  - b) Pilot light
  - c) Warm standby
  - d) Multi-site active-active**
- r** 49) 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
- r** 50) 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

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- r** 51) 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 Organizations**
  - c) AWS Cost Explorer
  - d) AWS Budgets
- r** 52) 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
- r** 53) 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
- r** 54) 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.
- r** 55) 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

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- r** 56) 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.
  
- r** 57) 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.
  
- r** 58) 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.
  
- r** 59) 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
  
- r** 60) Which feature adds elasticity to Amazon EC2 instances to handle the changing demand for workloads?

  - a) Resource groups
  - b) Lifecycle policies
  - c) Application Load Balancer
  - d) *Amazon EC2 Auto Scaling***

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- r** 61) Under the AWS shared responsibility model, customers are responsible for which aspects of security in the cloud? (Choose two.)

  - a) Virtualization Management
  - b) Hardware management
  - c) Encryption management**
  - d) Facilities management
  - e) Firewall management**
  
- r** 62) Which AWS hybrid storage service enables your 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
  
- r** 63) What is the responsibility of AWS in the shared responsibility model?

  - a) Updating the network ACLs to block traffic to vulnerable ports.
  - b) Patching operating systems running on Amazon EC2 instances.
  - c) Updating the firmware on the underlying EC2 hosts.**
  - d) Updating the security group rules to block traffic to the vulnerable ports.
  
- r** 64) 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.
  
- r** 65) What does it mean to grant the least privilege to AWS IAM users?

  - a) It is granting permissions to a single user only.
  - b) It is granting permissions using AWS IAM policies only.
  - c) It is granting AdministratorAccess policy permissions to trustworthy users.
  - d) It is granting only the permissions required to perform a given task.**