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AWS Certified Cloud Practitioner Mock Exam 2 - Tunisia (v1)
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| | Test taker's answer | a | Correct | r | Incorrect | = | Partial Credit |

a 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.

a 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.

a 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)

a 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

a 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.

a 8) Which AWS support plan includes a dedicated Technical Account Manager?

    a) Enterprise

    b) Developer

    c) Busines

    d) Basic

a 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.

a 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

a 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

a 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.

a 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

a   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.

a   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

a   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.

a   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

a 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

a 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

a 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).

a 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

a 27) Which is the MINIMUM AWS Support plan that provides technical support through phone calls?

    a) Enterprise

    b) Business

    c) Developer

    d) Basic

a 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

a   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.

a   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

a   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

a   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

a   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

a   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

a   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

a   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

a   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

a   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.

a   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

a   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

a   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

a   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.

a   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.

a   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.

a   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

a   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.

a   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.

a   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

a   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

a   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

a 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

a 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

a 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

a 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.

a 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

a   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.

a   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.

a   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

a   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

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

a 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.

a 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.