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AWS Certified Cloud Practitioner Mock Exam 3 - Tunisia (v1)
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| Test taker's answer | a | Correct | r | Incorrect | = | Partial Credit |

a 1) Which of the following are true regarding the languages that are supported on AWS Lambda? (Choose TWO)

    a) Lambda only supports Python and Node.js, but third party plugins are available to convert code in other languages to these formats

    b) Lambda natively supports a number of programming languages such as Node.js, Python, and Java

    c) Lambda can support any programming language using an API

    d) Lambda doesn't support programming languages; it is a serverless compute service

    e) Lambda is AWS's proprietary programming language for microservices

a 2) Which of the following Amazon RDS features facilitates offloading of database read activity?

    a) Read replicas

    b) Database Snapshots

    c) Multi-AZ Deployments

    d) Automated Backups

a 3) A company is developing an application that will leverage facial recognition to automate photo tagging. Which AWS service should the company use for facial recognition?

    a) Amazon Kinesis

    b) AWS IAM

    c) Amazon Rekognition

    d) Amazon Polly

r 4) Which of the below options is the best practice for making your application on AWS highly available?

    a) Use AWS Direct Connect to access the application

    b) Rewrite the application code to handle all incoming requests

    c) Deploy the application code on at least two servers in the same availability zone

    d) Deploy the application to at least two Availability Zones

a 5) you decide to buy a reserved instance for a term of one year. Which option provides the largest total discount?

    a) Partial up-front reservation

    b) No up-front reservation

    c) All up-front reservation

    d) All reserved instance payment options provide the same discount level

a   6) Which AWS Service helps enterprises extend their on-premises storage to AWS in a cost-effective manner?

    a) Amazon EFS
    b) AWS Data Pipeline
    c) Amazon Aurora
    d) AWS Storage Gateway

r   7) The TCO gap between AWS infrastructure and traditional infrastructure has widened over the recent years. Which of the following could be the reason for that?

    a) AWS helps customers invest more in capital expenditures
    b) AWS secures AWS resources at no additional charge
    c) AWS continues to lower the cost of cloud computing for its customers
    d) AWS automates all infrastructure operations, so customers save more on human resource costs

a   8) Which methods can be used by customers to interact with AWS Identity and Access Management (IAM)? (Choose TWO)

    a) AWS CLI
    b) AWS SDKs
    c) AWS CodeCommit
    d) AWS Network Access Control Lists
    e) AWS Security Groups

r   9) A company has a web application that is hosted on a single EC2 instance and is approaching 100 percent CPU Utilization during peak loads. Rather than scaling the server vertically, the company has decided to deploy three Amazon EC2 instances in parallel and to distribute traffic across the three servers. What AWS Service should the company use to distribute the traffic evenly?

    a) Transit VPC
    b) AWS Global Accelerator
    c) AWS application load balancer
    d) Amazon CloudFront

a 10) What is the name of the DynamoDB replication capability that provides fast read \ write performance for globally deployed applications?

    a) DynamoDB DAX

    b) Global Tables

    c) DynamoDB Point-In-time Recovery

    d) AWS Global Accelerator

r 11) What should you do if you see resources, which you don't remember creating, in the AWS Management Console? (Choose TWO)

    a) Stop all running services and open an investigation

    b) Open an investigation and delete any potential compromised IAM users

    c) Give your root account password to AWS Support so that they can assist in troubleshooting and securing the account

    d) Check the AWS CloudTrail logs and delete all IAM Users that have access to your resources

    e) Change your AWS root account passwords of any IAM users

a 12) Which IAM entity can best be used to grant temporary access to your AWS resources?

    a) IAM Users

    b) IAM Groups

    c) Key pairs

    d) IAM Roles

a 13) Which of the following are examples of the customer's responsibility to implement "security **IN** the cloud"? (Choose TWO)

    a) Patch management of the underlying infrastructure

    b) Creating a new hypervisor

    c) Building a schema for an application

    d) File system encryption

    e) Replacing physical hardware

a 14) When granting permissions to applications running Amazon EC2 instances, which of the following is considered best practice?

    a) Generate new IAM access keys every time you delegate permissions

    b) Do nothing; Applications that run on Amazon EC2 instances do not need permission to interact with other AWS services or resources

    c) Use temporary security credentials (IAM roles) instead of long-term access keys

    d) Store the required AWS credentials directly within the application code

a   15) Which AWS Service allows customers to create a template that programmatically defines
policies and configurations of all AWS resources as code and so that the same template can
be reused among multiple projects?

a) AWS CloudTrail
b) AWS CloudFormation
c) AWS Auto Scaling
d) AWS Config

a   16) One of the major advantages of using AWS is cost savings. Which of the below options is an
example of the cost savings offered by AWS?

a) Low monthly instance maintenance costs
b) per-second instance billing
c) Low instance start-up fees
d) Low-cost instance tagging

a   17) An organization has a legacy application designed using monolithic-based architecture.
Which AWS Service can be used to decouple the components of the application?

a) Amazon SQS
b) Virtual Private Gateway
c) Amazon CloudFront
d) AWS Artifact

a   18) A company is planning to use Amazon S3 and Amazon CloudFront to distribute its video
courses globally. What tool can the company use to estimate the costs of these services?

a) AWS Cost Explorer
b) AWS Cost & Usage Report
c) AWS Simple Monthly Calculator
d) AWS Budget

a   19) Which of the following factors should be considered when determining the region in which
AWS Resources will be deployed? (Choose TWO)

a) The AWS Region's security level
b) The planned number of VPCs
c) Geographic proximity to the company's location
d) Data sovereignty
e) Cost

a   20) Which AWS Service is used to manage the keys used to encrypt customer data?

   a) AWS KMS
   b) AWS Config
   c) Amazon Macie
   d) Multi-Factor Authentication (MFA)

r   21) Which AWS Service offers volume discounts based on usage?

   a) Amazon LightSail
   b) Amazon S3
   c) Amazon VPC
   d) AWS Cost Explorer

a   22) Which of the following is true regarding the AWS availability zones and edge locations?

   a) An AWS Availability Zone is an isolated location within an AWS region, however edge locations are located in multiple cities worldwide
   b) An availability zone exists within an edge location to distribute content globally with low latency
   c) Edge locations are located in separate Availability Zones worldwide to serve global customers
   d) An availability zone is a geographical location where AWS provides multiple, physically separated and isolated edge locations

a   23) According to best practices, which of the below options is best suited for processing a large number of binary files?

   a) Running RDS instances in parallel
   b) Vertically scaling RDS instances
   c) Vertically scaling EC2 instances
   d) Running EC2 instances in parallel

a   24) A customer is seeking to store objects in their AWS environment and to make those objects downloadable over the internet. Which AWS Service can be used to accomplish this?
   a) Amazon EBS
   b) Amazon EFS
   c) Amazon Instance Store
   d) Amazon S3

a   25) Which of the following are examples of AWS-managed databases? (Choose TWO)

       a) Amazon CloudSearch
       b) MySQL on Amazon EC2
       c) Amazon DocumentDB
       d) Amazon RDS for MySQL
       e) Microsoft SQL Server on Amazon EC2

a   26) Which AWS Group assists customers in achieving their desired business outcomes?

       a) AWS Trusted Advisor
       b) AWS Professional Services
       c) AWS Security Team
       d) AWS Concierge Support Team

a   27) A customer is planning to migrate their Microsoft SQL Server databases to AWS. Which AWS Services can the customer use to run their Microsoft SQL Server database on AWS? (Choose TWO)

       a) Amazon Elastic Compute Cloud
       b) AWS Lambda
       c) AWS Database Migration Service (DMS)
       d) AWS Fargate
       e) Amazon RDS

r   28) Which of the following are advantages of using AWS as a cloud computing provider? (Choose TWO)

       a) Manages all the compliance and auditing tasks
       b) Enables customers to trade their capital expenses for operational expenses
       c) Eliminates the need to monitor servers and and applications
       d) Provides custom hardware to meet any specification
       e) Eliminates the need to guess on infrastructure capacity needs

r   29) What does AWS offer to protect your data? (Choose TWO)

       a) Unlimited storage
       b) Load balancing
       c) Data encryption
       d) Physical MFA devices
       e) Access control

a   30) A company is developing a mobile application and wants to allow users to use their Amazon, Apple, Facebook, or Google identities to authenticate to the application. Which AWS Service should the company use for this purpose?

      a) Amazon Cognito
      b) Amazon EBS
      c) Amazon Inspector
      d) Amazon GuardDuty

r   31) An AWS customer has used one Amazon Linux instance for 2 hours, 5 minutes and 9 seconds, and one Windows instance for 4 hours, 23 minutes and 7 seconds. How much time will the customer be billed for?

      a) 2 hours, 5 minutes and 9 seconds for the Linux instance, and 4 hours, 23 minutes and 7 seconds for the Windows instance
      b) 2 hours, 5 minutes and 9 seconds for the Linux instance, and 5 hours for the Windows instance
      c) 3 hours for the Linux instance and 5 hours for the Windows instance
      d) 3 hours for the Linux instance and 4 hours, 23 minutes and 7 seconds for the Windows instance

a   32) Which of the following AWS offerings are serverless services? (Choose TWO)

      a) Amazon RDS
      b) Amazon EC2
      c) Amazon DynamoDB
      d) Amazon EMR
      e) AWS Lambda

a   33) An external auditor is requesting a log of all accesses to the AWS resources in the company's account. Which of the following services will provide the auditor with the requested information?

      a) Amazon CloudWatch
      b) AWS CloudFormation
      c) Amazon CloudFront
      d) AWS CloudTrail

a   34) Which AWS Service offers a filesystem that can be mounted concurrently from multiple EC2 instances?

    a) Amazon Simple Storage Service
    b) AWS Storage Gateway
    c) Amazon Elastic Block Store
    d) Amazon Elastic File System

r   35) Which of the following can be used to enable the Virtual Multi-Factor Authentication? (Choose TWO)

    a) AWS IAM
    b) Amazon SNS
    c) AWS CLI
    d) Amazon Virtual Private Cloud
    e) Amazon Connect

a   36) Which of the following services can be used to monitor the HTTP and HTTPS requests that are forwarded to Amazon CloudFront?

    a) AWS Cloud9
    b) AWS CLoudTrail
    c) AWS WAF
    d) Amazon CloudWatch

a   37) A company is seeking to deploy an existing .NET application onto AWS as quickly as possible. Which AWS Service should the customer use to achieve this goal?

    a) Amazon SNS
    b) AWS Elastic Beanstalk
    c) AWS Systems Manager
    d) AWS Trusted Advisor

r   38) Which of the following should be taken into account when performing a TCO analysis regarding the costs of running an application on AWS VS on-premises? (Choose TWO)

    a) Software compatibility
    b) Labour and IT Costs
    c) Amazon EBS computing power
    d) Software architecture
    e) Cooling and power consumption

r 39) Availability Zones within a Region are connected over low-latency links. Which of the following is a benefit of these links?

    a) Achieve global high availability
    b) Make synchronous replication of your data possible
    c) Automate the process of provisioning new compute resources
    d) Create private connection to your data centre

r 40) Which AWS Service can perform health checks on Amazon EC2 instances?

    a) Amazon Route 53
    b) Amazon Chime
    c) AWS CloudFormation
    d) Amazon Aurora

a 41) Which of the following is NOT a factor when estimating the costs of Amazon EC2? (Choose TWO)

    a) Number of hosted zones
    b) Number of security groups
    c) the amount of time the instance will be running
    d) Allocated elastic IP addresses
    e) Number of instances

a 42) Which AWS service enables you to quickly purchase and deploy SSL/TLS certificates?

    a) AWS WAF
    b) AWS ACM
    c) Amazon GaurdDuty
    d) AWS Budgets

a 43) There is a requirement to grant a DevOps team full administrative access to all resources in an AWS account. Who can grant them these permissions?

    a) AWS Cloud Support engineers
    b) AWS Security Team
    c) AWS technical account manager
    d) AWS account owner

r   44) You are running a financial services web application on AWS. The application uses a MySQL database to store the data. Which of the following AWS services would improve the performance of your application by allowing you to retrieve information from fast in-memory caches?

    a) Amazon EFS
    b) Amazon ElastiCache
    c) Amazon Neptune
    d) DAX

a   45) Which AWS Service provides integration with Chef to automate the configuration of EC2 instances?

    a) AWS Config
    b) AWS OpsWorks
    c) AWS CloudFormation
    d) AutoScaling

a   46) A company's AWS workflow requires that it periodically perform large-scale image and video processing jobs. The customer is seeking to minimize cost and has stated that the amount of time it takes to process these jobs is not critical, but that cost minimization is the most important factor in designing the solution. Which EC2 instance class is best suited for this processing?

    a) EC2 On-demand instances
    b) EC2 reserved instances - All Upfront
    c) EC2 reserved instances - No Upfront
    d) EC2 Spot instances

r   47) A key practice when designing solutions on AWS is to minimize dependencies between components so that the failure of a single component does not impact other components. What is this practice called?

    a) Elastic coupling
    b) Scalable coupling
    c) Loose coupling
    d) Tight coupling

a   48) What is the AWS Support feature that allows customers to manage support cases
    programmatically?

      a) AWS Support API
      b) AWS Personal Health Dashboard
      c) AWS Operations Support
      d) AWS Trusted Advisor

a   49) Which of the following are types of AWS Identity and Access Management (IAM) identities?
    (Choose TWO)

      a) AWS Organisations
      b) AWS Resource Groups
      c) IAM Users
      d) IAM Policies
      e) IAM Roles

a   50) What are the advantages of using Auto Scaling Groups for EC2 instances?

      a) Auto Scaling Groups distributes application traffic across multiple availability zones to
         enhance performance
      b) Auto Scaling Groups scale EC2 instances across multiple regions to reduce latency for
         global users
      c) Auto Scaling Groups scale EC2 instances in multiple availability zones to increase
         application availability and fault tolerance
      d) Auto Scaling Groups cache the most recent responses at global edge locations to
         reduce latency and improve performance

a   51) Which of the below options is true of Amazon Cloud Directory?

      a) Amazon Cloud Directory allows for registration and management of domain names
      b) Amazon Cloud Directory allows the organisation of hierarchies of data across multiple
         dimensions
      c) Amazon Cloud Directory enables the analysis of video and data streams in real time
      d) Amazon Cloud Directory allows users to access AWS with their existing Active Directory
         credentials

a   52) Which AWS Service allows customers to download AWS SOC & PCI reports?
      a) AWS Glue
      b) AWS Artifact
      c) Amazon Chime
      d) AWS Well-Architected tool

a   53) You have just hired a skilled sys-admin to join your team. As usual, you have created a new IAM user for him to interact with AWS services. On his first day, you ask him to create snapshots of all existing Amazon EBS volumes and save them in a new Amazon S3 bucket. However, the new member reports back that he is unable to create neither EBS snapshots nor S3 buckets. What might prevent him from doing this simple task?

   a) There is not enough space in S3 to store the snapshots
   b) EBS and S3 are accessible only to the root account owner
   c) The system administrator must contact AWS Support first to activate his new IAM account
   d) There is a non-explicit deny to all new users

a   54) A hospital needs to store medical records for a minimum period of 10 years. The records being stored will only need to be recalled if there is a legal or audit need, which is expected to be extremely infrequent. Which AWS Service offers the most cost-effective method for storing the records?

   a) Amazon S3 Intelligent-Tiering
   b) Amazon S3 Standard
   c) Amazon Glacier
   d) Amazon Elastic Block Store

a   55) Which of the following approaches will help you eliminate human error and automate the process of creating and updating your AWS environment?

   a) Use AWS CodeDeploy to build and automate your AWS environment
   b) Use Software test automation tools
   c) Migrate all of your applications to a dedicated host
   d) Use code to provision and operate your AWS infrastructure

a   56) Which features are included in the AWS Business Support Plan? (Choose TWO)

   a) Partial access to the core Trusted advisor checks
   b) 24x7 access to the TAM feature
   c) Access to Cloud Support Engineers via email only during business hours
   d) 24x7 access to customer service
   e) Access to Infrastructure Event Management (IEM) feature for an additional fee

r 57) Which AWS Support Plan gives customers access to a "Well-Architected Review" for business-critical workloads?

    a) Business Support
    b) Developer Support
    c) Basic Support
    d) Enterprise Support

a 58) What are the capabilities of AWS X-Ray? (Choose TWO)

    a) Helps improve application performance
    b) Deploys applications to on-premises servers
    c) Deploys applications to Amazon EC2 instances
    d) Automatically decouples application components
    e) Facilitates tracking of user requests to identify application issues

a 59) A company is seeking to better secure its AWS account from unauthorized access. Which of the below options can the customer use to achieve this goal?

    a) Restrict any API call made through SDKs or CLI
    b) Create one IAM account for each department in the company (Development, QA, Production), and share it across all staff in that department
    c) Require Multi-Factor Authentication (MFA) for all IAM user access
    d) Set up two login passwords

r 60) A company is building an online cloud storage platform. They need a storage service that can scale capacity automatically while minimizing cost. Which AWS storage service should the company use to meet these requirements?

    a) Amazon Elastic Container Service
    b) AWS Storage Gateway
    c) Amazon Simple Storage Service
    d) Amazon Elastic Block Store

a 61) How does AWS notify customers about security and privacy events pertaining to AWS services?

    a) Using Compliance Resources
    b) Using the AWS Management Console
    c) Using the AWS ACM service
    d) Using Security Bulletins

a 62) Your company requires a response time of less than 15 minutes from support interactions about their business-critical systems that are hosted on AWS if those systems go down. Which AWS Support Plan should this company use?

   a) AWS Business Support
   b) AWS Enterprise Support
   c) AWS Basic Support
   d) AWS Developer Support

a 63) A company is using EC2 Instances to run their e-commerce site on the AWS platform. If the site becomes unavailable, the company will lose a significant amount of money for each minute the site is unavailable. Which design principle should the company use to minimize the risk of an outage?

   a) Least Privilege
   b) Multi-threading
   c) Pilot Light
   d) Fault Tolerance

a 64) A company is migrating a web application to AWS. The application's compute capacity is continually utilized throughout the year. Which of the below options offers the company the most cost-effective solution?

   a) On-demand instances
   b) Spot instances
   c) Dedicated Hosts
   d) Reserved Instances

a 65) Which services can be used across hybrid AWS Cloud architectures? (Choose two.)

   a) Amazon Route 53
   b) Virtual Private Gateway
   c) Classic Load Balancer
   d) Auto Scaling
   e) Amazon CloudWatch default metrics