AWS Certified Cloud Practitioner Mock Exam 7 - Tunisia (v1) Finished 12/10/2021 8:27 AM / Scored 0/71 (0%)

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- 1) Under the shared responsibility model, which of the following is the customer responsible for?
 - a) A. Ensuring that disk drives are wiped after use.
 - b) B. Ensuring that firmware is updated on hardware devices.
 - c) C. Ensuring that data is encrypted at rest.
 - d) D. Ensuring that network cables are category six or higher.
- 2) What AWS team assists customers with accelerating cloud adoption through paid engagements in any of several specialty practice areas?
 - a) A. AWS Enterprise Support
 - b) B. AWS Solutions Architects
 - c) C. AWS Professional Services
 - d) D. AWS Account Managers
- 3) A customer would like to design and build a new workload on AWS Cloud but does not have the AWS related software technical expertise in-house. Which of the following AWS programs can a customer take advantage of to achieve that outcome?
 - a) A. AWS Partner Network Technology Partners
 - b) B. AWS Marketplace
 - c) C. AWS Partner Network Consulting Partners
 - d) D. AWS Service Catalog

- 4) Which of the following inspects AWS environments to find opportunities that can save money for users and also improve system performance?
 - a) A. AWS Cost Explorer
 - b) B. AWS Trusted Advisor
 - c) C. Consolidated billing
 - d) D. Detailed billing
- r 5) Which AWS services offer compute capabilities? (Choose two.)
 - a) A. Amazon EC2
 - b) B. Amazon S3
 - c) C. Amazon Elastic Block Store (Amazon EBS)
 - d) D. Amazon Cognito
 - e) E. AWS Lambda
- code?

- a) A. AWS CodeBuild
- b) B. AWS CodeCommit
- c) C. AWS CodePipeline
- d) D. AWS CodeStar

- r 7) Which AWS Cloud design principles can help increase reliability? (Choose two.)
 - a) A. Using monolithic architecture
 - b) B. Measuring overall efficiency
 - c) C. Testing recovery procedures
 - d) D. Adopting a consumption model
 - e) E. Automatically recovering from failure
- 8) A company has an AWS-hosted website located behind an Application Load Balancer. The company wants to safeguard the website from SQL injection or cross-site scripting. Which AWS service should the company use?
 - a) A. Amazon GuardDuty
 - b) B. AWS WAF
 - c) C. AWS Trusted Advisor
 - d) D. Amazon Inspector
- 9) How should a web application be deployed to ensure high availability in the AWS Cloud?
 - a) A. Deploy multiple instances of the application in multiple Availability Zones.
 - b) B. Deploy multiple instances of the application in a single Availability Zone.
 - c) C. Deploy the application to a compute-optimized Amazon EC2 instance in a single Availability Zone.
 - d) D. Deploy the application in one Amazon EC2 instance in an Auto Scaling group.

- 10) A company is running a self-managed Oracle database directly on Amazon EC2 for its steady-state database. The company wants to reduce compute costs. Which option should the company use to maximize savings over a 3-year term?
 - a) A. EC2 Dedicated Instances
 - b) B. EC2 Spot Instances
 - c) C. EC2 Reserved Instances
 - d) D. EC2 On-Demand Instances
- 11) An external auditor has requested that a company provide a list of all its IAM users, including the status of users' credentials and access keys. What it the SIMPLEST way to provide this information?
 - a) A. Create an IAM user account for the auditor, granting the auditor administrator permissions.
 - b) B. Take a screenshot of each user's page in the AWS Management Console, then provide the screenshots to the auditor.
 - c) C. Download the IAM credential report, then provide the report to the auditor.
 - d) D. Download the AWS Trusted Advisor report, then provide the report to the auditor.
- 12) A company wants to track AWS resource configuration changes for compliance reasons. Which AWS feature can be used to meet this requirement?
 - a) A. AWS Cost and Usage Report
 - b) B. AWS Organizations service control policies (SCPs)
 - c) C. AWS Config rules
 - d) D. VPC Flow Logs

- 13) A company is building an application that needs to deliver images and videos globally with minimal latency. Which approach can the company use to accomplish this in a cost effective manner?
 - a) A. Deliver the content through Amazon CloudFront.
 - b) B. Store the content on Amazon S3 and enable S3 cross-region replication.
 - c) C. Implement a VPN across multiple AWS Regions.
 - d) D. Deliver the content through AWS PrivateLink.
- 14) The AWS IAM best practice for granting least privilege is to:
 - a) A. apply an IAM policy to an IAM group and limit the size of the group.
 - b) B. require multi-factor authentication (MFA) for all IAM users.
 - c) C. require each IAM user who has different permissions to have multiple passwords.
 - d) D. apply an IAM policy only to IAM users who require it.
- 15) How can AWS enable a company to control expenses as an application's usage changes unpredictably?

- a) A. AWS will refund the cost difference if a customer moves to larger servers
- b) B. The application can be built to scale up or down automatically as resources are needed
- c) C. Spot instances will automatically be used if the price is lower than on-demand instances.
- d) D. Amazon CloudWatch will automatically predict what resources are needed.

- 16) Which cloud computing benefit does AWS demonstrate with its ability to offer lower variable costs as a result of high purchase volumes?
 - a) A. Pay-as-you-go pricing
 - b) B. High availability
 - c) C. Global reach
 - d) D. Economies of scale
- 17) A pharmaceutical company operates its infrastructure in a single AWS Region. The company has thousands of VPCs in a various AWS accounts that it wants to interconnect. Which AWS service or feature should the company use to help simplify management and reduce operational costs?
 - a) A. VPC endpoint
 - b) B. AWS Direct Connect
 - c) C. AWS Transit Gateway
 - d) D. VPC peering
- 18) A company is planning to launch an ecommerce site in a single AWS Region to a worldwide user base. Which AWS services will allow the company to reach users and provide low latency and high transfer speeds? (Choose two.)

- a) A. Application Load Balancer
- b) B. AWS Global Accelerator
- c) C. AWS Direct Connect
- d) D. Amazon CloudFront
- e) E. AWS Lambda

- 19) Which AWS service should a cloud practitioner use to identify security vulnerabilities of an AWS account?
 - a) A. AWS Secrets Manager
 - b) B. Amazon Cognito
 - c) C. Amazon Macie
 - d) D. AWS Trusted Advisor
- 20) Which of the following tasks can only be performed after signining in with AWS account root user credentials? (Choose two)
 - a) A. Closing an AWS account
 - b) B. Creating a new IAM Policy
 - c) C. Changing AWS Support Plans
 - d) D. Attaching a role to an Amazon EC2 Instance
 - e) E. Generating access keys for IAM users
- r 21) Fault tolerance refers to:
 - a) A. The ability of an application to accommodate growth without changing design
 - b) B. How well and how quickly an application environment can have lost data restored
 - c) C. How secure your application is
 - d) D. Thee built-in redundancy of an application's components
- 22) Which AWS service can be used in the application deployment process?
 - a) A. AWS AppSync
 - b) B. AWS Batch
 - c) C. AWS CodePipeline
 - d) D. AWS DataSync

- 23) A company operating in the AWS Cloud requires separate invoices for specific environments, such as development, testing, and production. How can this be achieved?
 - a) A. Use multiple AWS accounts
 - b) B. Use resource tagging
 - c) C. Use multiple VPCs
 - d) D. Use Cost Explorer
- r 24) What can be used to reduce the cost of running Amazon EC2 instances? (Choose two.)
 - a) A. Spot Instances for stateless and flexible workloads
 - b) B. Memory optimized instances for high-compute workloads
 - c) C. On-Demand Instances for high-cost and sustained workloads
 - d) D. Reserved Instances for sustained workloads
 - e) E. Spend limits set using AWS Budgets
- r 25) Which AWS service or feature allows the user to manager cross-region application traffic?
 - a) A. Amazon AppStream 2.0
 - b) B. Amazon VPC
 - c) C. Elastic Load Balancer
 - d) D. Amazon Route 53
- 26) A user needs to regularly audit and evaluate the setup of all AWS resources, identify non compliant accounts, and be notified when a resource changes. Which AWS service can be used to meet these requirements?
 - a) A. AWS Trusted Advisor
 - b) B. AWS Config
 - c) C. AWS Resource Access Manager
 - d) D. AWS Systems Manage
- 27) A company must store critical business data in Amazon S3 with a backup to another AWS Region. How can this be achieved?
 - a) A. Use an Amazon CloudFront Content Delivery Network (CDN) to cache data globally
 - b) B. Set up Amazon S3 cross-region replication to another AWS Region
 - c) C. Configure the AWS Backup service to back up to the data to another AWS Region
 - d) D. Take Amazon S3 bucket snapshots and copy that data to another AWS Region

- 28) A user needs to automatically discover, classify, and protect sensitive data stored in Amazon
 - S3. Which AWS service can meet these requirements?
 - a) A. Amazon Inspector
 - b) B. Amazon Macie
 - c) C. Amazon GuardDuty
 - d) D. AWS Secrets Manager
- 29) Which components are required to build a successful site-to-site VPN connection on AWS?(Choose two.)
 - a) A. Internet gateway
 - b) B. NAT gateway
 - c) C. Customer gateway
 - d) D. Transit gateway
 - e) E. Virtual private gateway
- 30) What is the MOST effective resource for staying up to date on AWS security announcements?
 - a) A. AWS Personal Health Dashboard
 - b) B. AWS Secrets Manager
 - c) C. AWS Security Bulletins
 - d) D. Amazon Inspector
- 31) Which AWS service offers persistent storage for a file system?
 - a) A. Amazon S3
 - b) B. Amazon EC2 instance store
 - c) C. Amazon Elastic Block Store (Amazon EBS)
 - d) D. Amazon ElastiCache
- 32) Which of the following AWS services are serverless? (Choose two.)
 - a) A. AWS Lambda
 - b) B. Amazon Elasticsearch Service
 - c) C. AWS Elastic Beanstalk
 - d) D. Amazon DynamoDB
 - e) E. Amazon Redshift

33) Which AWS managed services can be used to extend an on-premises data center to the AWS

network?(Choose two.)

- a) A. AWS VPN
- b) B. NAT gateway
- c) C. AWS Direct Connect
- d) D. Amazon Connect
- e) E. Amazon Route 53
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 - a) A. The linked account must be actively compliant with AWS System and Organization Controls (SOC).
 - b) B. The payer and the linked account must both create AWS Support cases to request that the member account be unlinked from the organization.
 - c) C. The member account must meet the requirements of a standalone account.
 - d) D. The payer account must be used to remove the linked account from the organization.
- 35) A company wants to set up a highly available workload in AWS with a disaster recovery plan that will allow the company to recover in case of a regional service interruption. Which configuration will meet these requirements?
 - a) A. Run on two Availability Zones in one AWS Region, using the additional Availability Zones in the AWS Region for the disaster recovery site.
 - b) B. Run on two Availability Zones in one AWS Region, using another AWS Region for the disaster recovery site.
 - c) C. Run on two Availability Zones in one AWS Region, using a local AWS Region for the disaster recovery site.
 - d) D. Run across two AWS Regions, using a third AWS Region for the disaster recovery site
- r 36) Which of the following assist in identifying costs by department? (Choose two.)
 - a) A. Using tags on resources
 - b) B. Using multiple AWS accounts
 - c) C. Using an account manager
 - d) D. Using AWS Trusted Advisor
 - e) E. Using Consolidated Billing

- 37) Which AWS tools automatically forecast future AWS costs?
 - a) A. AWS Support Center
 - b) B. AWS Total Cost of Ownership (TCO) Calculator
 - c) C. AWS Simple Monthly Calculator
 - d) D. Cost Explorer
- 38) Under the AWS shared responsibility model, which of the following is a responsibility of AWS?
 - a) A. Enabling server-side encryption for objects stored in S3
 - b) B. Applying AWS IAM security policies
 - c) C. Patching the operating system on an Amazon EC2 instance
 - d) D. Applying updates to the hypervisor
- 239) What is a characteristic of Convertible Reserved Instances (RIs)?
 - a) A. Users can exchange Convertible RIs for other Convertible RIs from a different instance family.
 - b) B. Users can exchange Convertible RIs for other Convertible RIs in different AWS Regions.
 - c) C. Users can sell and buy Convertible RIs on the AWS Marketplace.
 - d) D. Users can shorten the term of their Convertible RIs by merging them with other Convertible RIs.
- 40) A user has underutilized on-premises resources. Which AWS Cloud concept can BEST address this issue?
 - a) A. High availability
 - b) B. Elasticity
 - c) C. Security
 - d) D. Loose coupling
- 41) A cloud practitioner needs an Amazon EC2 instance to launch and run for 7 hours without interruptions. What is the most suitable and cost-effective option for this task?
 - a) A. On-Demand Instance
 - b) B. Reserved Instance
 - c) C. Dedicated Host
 - d) D. Spot Instance

- 42) Which of the following are benefits of using AWS Trusted Advisor? (Choose two.)
 - a) A. Providing high-performance container orchestration
 - b) B. Creating and rotating encryption keys
 - c) C. Detecting underutilized resources to save costs
 - d) D. Improving security by proactively monitoring the AWS environment
 - e) E. Implementing enforced tagging across AWS resources
- 43) A developer has been hired by a large company and needs AWS credentials. Which are security best practices that should be followed? (Choose two.)
 - a) A. Grant the developer access to only the AWS resources needed to perform the job.
 - b) B. Share the AWS account root user credentials with the developer.
 - c) C. Add the developer to the administrator's group in AWS IAM.
 - d) D. Configure a password policy that ensures the developer's password cannot be changed
 - e) E. Ensure the account password policy requires a minimum length
- 44) A user is planning to migrate an application workload to the AWS Cloud. Which control becomes the responsibility of AWS once the migration is complete?
 - a) A. Patching the guest operating system
 - b) B. Maintaining physical and environmental controls
 - c) C. Protecting communications and maintaining zone security
 - d) D. Patching specific applications
- 45) Which AWS service can be used to provide an on-demand, cloud-based contact center?
 - a) A. AWS Direct Connect
 - b) B. Amazon Connect
 - c) C. AWS Support Center
 - d) D. AWS Managed Services
- 46) A company has a MySQL database running on a single Amazon EC2 instance. The company now requires higher availability in the event of an outage. Which set of tasks would meet this requirement?
 - a) A. Add an Application Load Balancer in front of the EC2 instance
 - b) B. Configure EC2 Auto Recovery to move the instance to another Availability Zone
 - c) C. Migrate to Amazon RDS and enable Multi-AZ
 - d) D. Enable termination protection for the EC2 instance to avoid outages

- 47) A company wants to ensure that AWS Management Console users are meeting password complexity requirements. How can the company configure password complexity?
 - a) A. Using an AWS IAM user policy
 - b) B. Using an AWS Organizations service control policy (SCP)
 - c) C. Using an AWS IAM account password policy
 - d) D. Using an AWS Security Hub managed insight
- 48) Under the AWS shared responsibility model, which of the following is the customer's responsibility?
 - a) A. Patching guest OS and applications
 - b) B. Patching and fixing flaws in the infrastructure
 - c) C. Physical and environmental controls
 - d) D. Configuration of AWS infrastructure devices
- 49) Which of the following tasks is required to deploy a PCI-compliant workload on AWS?
 - a) A. Use any AWS service and implement PCI controls at the application layer
 - b) B. Use an AWS service that is in-scope for PCI compliance and raise an AWS support ticket to enable PCI compliance at the application layer
 - c) C. Use any AWS service and raise an AWS support ticket to enable PCI compliance on that service
 - d) D. Use an AWS service that is in scope for PCI compliance and apply PCI controls at the application layer
- 50) A user has limited knowledge of AWS services, but wants to quickly deploy a scalable Node.js application in the AWS Cloud. Which service should be used to deploy the application?
 - a) A. AWS CloudFormation
 - b) B. AWS Elastic Beanstalk
 - c) C. Amazon EC2
 - d) D. AWS OpsWorks

- * 51) Which AWS service gives users on-demand, self-service access to AWS compliance control reports?
 - a) A. AWS Config
 - b) B. Amazon GuardDuty
 - c) C. AWS Trusted Advisor
 - d) D. AWS Artifact
- 52) A company wants to provide one of its employees with access to Amazon RDS. The company also wants to limit the interaction to only the AWS CLI and AWS software development kits (SDKs). Which combination of actions should the company take to meet these requirements while following the principles of least privilege? (Choose two.)
 - a) A. Create an IAM user and provide AWS Management Console access only.
 - b) B. . Create an IAM user and provide programmatic access only.
 - c) C. Create an IAM role and provide AWS Management Console access only.
 - d) D. Create an IAM policy with administrator access and attach it to the IAM user.
 - e) E. Create an IAM policy with Amazon RDS access and attach it to the IAM user
- 53) What are the advantages of deploying an application with Amazon EC2 instances in multiple Availability Zones? (Choose two.)
 - a) A. Preventing a single point of failure
 - b) B. Reducing the operational costs of the application
 - c) C. Allowing the application to serve cross-region users with low latency
 - d) D. Increasing the availability of the application
 - e) E. Increasing the load of the application
- 54) Which of the following Amazon EC2 pricing models allow customers to use existing serverbound software licenses?
 - a) A. Spot Instances
 - b) B. Reserved Instances
 - c) C. Dedicated Hosts
 - d) D. On-Demand Instances

- 55) Which AWS characteristics make AWS cost effective for a workload with dynamic user demand? (Choose two.)
 - a) A. High availability
 - b) B. Shared security model
 - c) C. Elasticity
 - d) D. Pay-as-you-go pricing
 - e) E. Reliability
- r 56) Which service enables risk auditing by continuously monitoring and logging account activity, including user actions in the AWS Management Console and AWS SDKs?
 - a) A. Amazon CloudWatch
 - b) B. AWS CloudTrail
 - c) C. AWS Config
 - d) D. AWS Health
- 57) Which of the following are characteristics of Amazon S3? (Choose two.)

- a) A. A global file system
- b) B. An object store
- c) C. A local file store
- d) D. A network file system
- e) E. A durable storage system

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58) 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) A. Amazon Redshift
- b) B. Amazon DynamoDB
- c) C. Amazon Elastic Compute Cloud (Amazon EC2) with Amazon EC2 instance store
- d) D. Amazon EC2 with Amazon Elastic Block Store (Amazon EBS)
- 59) Which of the following is a correct relationship between regions, Availability Zones, and edge locations?
 - a) A. Data centers contain regions.
 - b) B. Regions contain Availability Zones.
 - c) C. Availability Zones contain edge locations.
 - d) D. Edge locations contain regions.
- **r** 60) Which AWS tools assist with estimating costs? (Choose three.)
 - a) A. Detailed billing report
 - b) B. Cost allocation tags
 - c) C. AWS Simple Monthly Calculator
 - d) D. AWS Total Cost of Ownership (TCO) Calculator
 - e) E. Cost Estimator

- **r** 61) Which of the following are advantages of AWS consolidated billing? (Choose two.)
 - a) A. The ability to receive one bill for multiple accounts
 - b) B. Service limits increasing by default in all accounts
 - c) C. A fixed discount on the monthly bill
 - d) D. Potential volume discounts, as usage in all accounts is combined
 - e) E. The automatic extension of the master account's AWS support plan to all accounts
- 62) Which of the following Reserved Instance (RI) pricing models provides the highest average savings compared to On-Demand pricing?
 - a) A. One-year, No Upfront, Standard RI pricing
 - b) B. One-year, All Upfront, Convertible RI pricing
 - c) C. Three-year, All Upfront, Standard RI pricing
 - d) D. Three-year, No Upfront, Convertible RI pricing
- Compared with costs in traditional and virtualized data centers, AWS has:
 - a) A. greater variable costs and greater upfront costs.
 - b) B. fixed usage costs and lower upfront costs.
 - c) C. lower variable costs and greater upfront costs.
 - d) D. lower variable costs and lower upfront costs.
- **°** 64) A characteristic of edge locations is that they:
 - a) A. host Amazon EC2 instances closer to users.
 - b) B. help lower latency and improve performance for users.
 - c) C. cache frequently changing data without reaching the origin server.
 - d) D. refresh data changes daily.

- 65) Which of the following security-related actions are available at no cost?
 - a) A. Calling AWS Support
 - b) B. Contacting AWS Professional Services to request a workshop
 - c) C. Accessing forums, blogs, and whitepapers
 - d) D. Attending AWS classes at a local university
- r 66) What is one of the advantages of the Amazon Relational Database Service (Amazon RDS)?
 - a) A. It simplifies relational database administration tasks.
 - b) B. It provides 99.999999999% reliability and durability.
 - c) C. It automatically scales databases for loads.
 - d) D. It enables users to dynamically adjust CPU and RAM resources.
- 67) A customer needs to run a MySQL database that easily scales. Which AWS service should they use?
 - a) A. Amazon Aurora
 - b) B. Amazon Redshift
 - c) C. Amazon DynamoDB
 - d) D. Amazon ElastiCache

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68) A customer needs to run a MySQL database that easily scales. Which AWS service should they use?

- a) A. Amazon Aurora
- b) B. Amazon Redshift
- c) C. Amazon DynamoDB
- d) D. Amazon ElastiCache
- **r** 69) Which of the following is a shared control between the customer and AWS?
 - a) A. Providing a key for Amazon S3 client-side encryption
 - b) B. Configuration of an Amazon EC2 instance
 - c) C. Environmental controls of physical AWS data centers
 - d) D. Awareness and training
- 70) What is the lowest-cost, durable storage option for retaining database backups for immediate retrieval?
 - a) A. Amazon S3
 - b) B. Amazon Glacier
 - c) C. Amazon EBS
 - d) D. Amazon EC2 Instance Store

- r 71) Which AWS IAM feature allows developers to access AWS services through the AWS CLI?
 - a) A. API keys
 - b) B. Access keys
 - c) C. User names/Passwords
 - d) D. SSH keys