

AWS 105 (Cloud Practitioner)

Practice Test Questions

- 1) **Which of the following best describes how the cost of AWS compute resources are charged to customers?**
 - a) Pay-As-You-Go
 - b) Per month up front billing
 - c) Per hour billing for all resources
 - d) The first 750 hours per month is free

- 2) Which of the following is NOT a way of managing your AWS Cloud account resources?
 - a) AWS Management Console
 - b) AWS CLI
 - c) Blockchain
 - d) AWS SDK

- 3) Which service allows you to run compute resources in a serverless manner?
 - a) EC2
 - b) Lambda Functions
 - c) ECS
 - d) S3

- 4) You need to create a backup of an EC2 before making changes to the application running on it. Which of the following methods will allow you to do this?
 - a) Snapshot
 - b) Amazon Machine Image
 - c) Launch Template
 - d) Auto Scaling Group

- 5) You need to apply protocol rules to an EC2 instance to allow incoming Internet traffic on port 22. Which of the following features will you use to accomplish this?
 - a) Network Access Control List
 - b) NAT Gateway
 - c) Internet Gateway
 - d) Security Group

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- 6) **Your application running on an EC2 instance must be given permissions to access an S3 bucket. Which of the following methods is the best way to accomplish this?**
- a) Assign an AWS User account to the application
 - b) Assign an AWS Role to the EC2 instance
 - c) Add the EC2 instance to an AWS group
 - d) Add an IAM policy to the EC2 instance
- 7) A new developer has been given an AWS account which gives him access to the Management Console, but he has no access programmatic access in the AWS account. What is the best way to give him this level of access?
- a) Delete his account and give him a new one with both levels of access
 - b) Give him a new user account that has programmatic access
 - c) Add his user account to an appropriate group
 - d) Configure programmatic access on his existing account
- 8) You have a subnet with EC2 instances that do not have Internet IP addresses. How will you configure the subnet to allow these systems to access the Internet?
- a) Add a NAT gateway to the routing table of the subnet
 - b) Add an Internet Gateway to the routing table of the subnet
 - c) Add a Security Group to the subnet
 - d) Add a Network Access Control List to the subnet
- 9) Your application needs a managed database that supports SQL and databases up to 100TB in size. Which of the following options will you choose?
- a) Amazon Aurora using Oracle
 - b) Amazon RDS using Oracle
 - c) Amazon Aurora using MySQL
 - d) Amazon RDS using MySQL
- 10) You need a fast, serverless, NoSQL database backend for a new application that you will be deploying. What database solution will you use?
- a) Amazon Aurora
 - b) DynamoDB
 - c) Amazon Neptune
 - d) MongoDB

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- 11) You need to deploy a commercial, relational database solution with highly customized options not supported in any managed database solution that AWS offers. How will you accomplish this task?
- a) Use Amazon Athena on S3
 - b) Deploy it on AWS Lambda
 - c) Deploy it on an EC2 instance
 - d) Use DynamoDB
- 12) You need a cost-effective solution to perform basic SQL queries on large CSV files that are currently in an S3 bucket. Which of the following presents the best solution?
- a) Amazon Redshift
 - b) Amazon RDS
 - c) Amazon Aurora
 - d) Amazon Athena
- 13) What service can you use to accept Internet requests and pass them to web servers running an ecommerce application?
- a) Application Load Balancer
 - b) Network Load Balancer
 - c) Auto Scaling Group
 - d) CloudFront
- 14) You need to make sure that your application's auto scaling group does not grow beyond eight (8) servers. How can this be managed?
- a) Specify this option on the Load Balancer it is using
 - b) Use a configuration option in the auto scaling group
 - c) Modify the size of the EC2 instances in the auto scaling group
 - d) Assign only eight (8) IP addresses to the auto scaling group
- 15) Which of the following is required before creating an Auto Scaling Group?
- a) AMI Image
 - b) EC2 snapshot
 - c) Network Load Balancer
 - d) Launch Template

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- 16) Which of the following is NOT a scaling policy type available for EC2 auto scaling groups?
- a) Step scaling
 - b) Simple scaling
 - c) Predictive scaling
 - d) Processor scaling
- 17) Which of the following methods allows you to route traffic between two VPCs in different AWS accounts?
- a) Subnet routing table
 - b) Internet Gateway
 - c) VPC Peering
 - d) Endpoint Gateways
- 18) In which of the following situations would you choose to assign an elastic IP address to an EC2 instance?
- a) To configure it as an Internet facing website
 - b) To configure it as a NAT Gateway
 - c) To configure it as an internal website
 - d) To configure it as a Private Subnet router
- 19) To improve web-site latency for customers in a different country, you have decided to use a CDN. Which AWS service can be configured for this?
- a) API Gateway
 - b) Elastic Load Balancer
 - c) CloudFront
 - d) CloudFormation
- 20) You have decided to use AWS for Domain Name Registration services for your web-site. Which of the following services will you configure for this?
- a) Route 53
 - b) API Gateway
 - c) CloudFront
 - d) AWS Web Application Firewall