

# Amazon-Web-Services

## Exam Questions CLF-C01

AWS Certified Cloud Practitioner



#### NEW QUESTION 1

What is the term used to describe giving an AWS user only access to the exact services he/she needs to do the required job and nothing more?  
Choose the Correct Answer

- A. The Least Privilege User Principal
- B. The Principal of Least Privilege
- C. The Only Access Principal.
- D. None of the above

**Answer:** B

#### NEW QUESTION 2

What AWS service must you use if you want to configure an AWS billing alarm? Choose the Correct Answer

- A. CloudWatch
- B. CloudMonitor
- C. Consolidated billing
- D. CloudTrail

**Answer:** A

#### Explanation:

CloudWatch is the AWS service that allows you to collect metrics, and create alarms based on those metrics. Billing metrics can be tracked in CloudWatch, therefore billing alarms can be created.

#### NEW QUESTION 3

What are some common uses of AWS? (Select all that apply) Choose the 4 Correct answers:

- A. Networking
- B. Analytics
- C. Storage
- D. Virtualization

**Answer:** ABCD

#### Explanation:

All of the answers are common uses of AWS. AWS has thousands of different uses. In this course we discussed some of the major categories, including: Storage Compute Power Databases Networking Analytics Developer Tools Virtualization Security

#### NEW QUESTION 4

What endpoints are possible to send messages to with Simple Notification Service? (Select all that apply)  
Choose the 3 Correct answers:

- A. SMS
- B. FTP
- C. SQS
- D. Lambda

**Answer:** ACD

#### NEW QUESTION 5

Big Cloud Jumbo Corp is beginning to explore migrating their entire on-premises data center to AWS. They are very concerned about how much it will cost once their entire I.T. infrastructure is running on AWS. What tool can you recommend so that they can estimate what the cost of using AWS may be?  
Choose the Correct Answer

- A. AWS Estimate Calculator
- B. AWS TCO Calculator
- C. AWS Cost Explorer
- D. AWS Migration Cost Calculator

**Answer:** B

#### Explanation:

The AWS TCO (Total Cost of Ownership) Calculator is a free tool provided by AWS. It allows you to compare your current on-premises cost vs. estimated AWS cost.

#### NEW QUESTION 6

What best describes what AWS is?  
Choose the Correct Answer

- A. AWS is an online retailer
- B. AWS is the cloud.
- C. AWS is a cloud services provider.
- D. None of the abov

**Answer:** C

#### NEW QUESTION 7

What is one benefit AND one drawback of buying a reserved EC2 instance? (Select two) Choose the 2 Correct answers:

- A. You can terminate the instance at any time without any further pricing commitment.
- B. Reserved instances can be purchased as a significant discount over on-demand instances.
- C. You can potentially save a lot of money by placing a lower "bid" price.
- D. You are locked in to either a one- or three-year pricing commitmen

**Answer:** BD

#### Explanation:

Reserved instances require a one- or three-year purchase term, so you are committing to paying for that much compute capacity for that full time period. However, in exchange for the long-term commitment, you will receive a discount (of up to 75%) over using an on-demand instance (for that same time period).

#### NEW QUESTION 8

What is the availability and durability rating of S3 Standard Storage Class?  
Choose the Correct Answer

- A. 99.999999999% Durability and 99.99% Availability
- B. 99.999999999% Availability and 99.90% Durability
- C. 99.999999999% Availability and 99.99% Durability
- D. 99.999999999% Durability and 99.00% Availability

**Answer:** A

#### Explanation:

S3 Standard Storage class has a rating of 99.999999999% durability (referred to as 11 nines) and 99.99% availability.

#### NEW QUESTION 9

Thomas is managing the access rights and credentials for all the employees that have access to his company's AWS account. This morning, his was notified that some of these accounts may have been compromised, and he now needs to change the password policy and re-generate a new password for all users. What AWS service does Thomas need to use in order to accomplish this?  
Choose the Correct Answer

- A. Policy and Access Management
- B. Elastic Cloud Compute
- C. Access Management
- D. None of the abov

**Answer:** D

#### Explanation:

Identity and Access Management (IAM) is the AWS service where password policies and user credentials are managed. (Policy and Access Management as a service does not exist).

#### NEW QUESTION 10

What are the benefits of AWS Organizations? (Select all that apply)  
Choose the 2 Correct answers:

- A. Analyze cost across all multiple AWS accounts.
- B. Automate AWS account creation and management.
- C. Centrally manage access polices across multiple AWS accounts.
- D. None of the abov

**Answer:** BC

#### Explanation:

AWS Organizations has four main benefits: 1) Centrally manage access polices across multiple AWS accounts. 2) Automate AWS account creation and management. 3) Control access to AWS services 4) Enable consolidated billing across multiple AWS accounts Analyzing cost is done through the Cost Explorer (or TCO calculator), which is not part of AWS Organizations.

#### NEW QUESTION 10

David is managing a web application running on dozens of EC2 servers. He is worried that if something goes wrong with one of the servers he will not know about it in a timely manner. What solution could you offer to help him keep updated on the status of his servers?  
Choose the Correct Answer

- A. Configure each EC2 instance with a custom script to email David when any issues occur.
- B. Configure RDS notifications based on CloudWatch EC2 metric alarms.
- C. Enable CloudTrail to log and report any issues that occur with the EC2 instances.
- D. Configure SNS notifications based on CloudWatch EC2 metric alarm

**Answer:** D

#### Explanation:

CloudWatch is used to track metrics on all EC2 instances. Metric alarms can be configured to trigger SNS messages if something goes wrong.

#### NEW QUESTION 14

What best describes the concept of high availability?  
Choose the Correct Answer

- A. The ability for a system to grow and shrink based on demand.
- B. The ability for a system to withstand a certain amount of failure and still remain functional.
- C. The ability for a system to grow in size, capacity, and/or scope.
- D. The ability for a system be accessible when you attempt to access i

**Answer:** D

**Explanation:**

High availability refers to the concept that something will be accessible when you try to access it. An object or web application is "highly available" when it is accessible a vast majority of the time.

#### NEW QUESTION 15

Mike is setting up the infrastructure for a web application that requires three EC2 instances to handle the expected demand. However, when testing the application, Mike find that all traffic to the application is being routed to only one of the servers. What AWS feature should he add to his application in order to have traffic evenly distributed between all three servers?  
Choose the Correct Answer

- A. Elastic Load Balancer
- B. Auto Scaling
- C. Route 53
- D. CloudFront

**Answer:** A

**Explanation:**

An Elastic Load Balancer is designed to evenly distribute incoming web traffic between all servers that are associated with it.

#### NEW QUESTION 20

What are the TWO main security layers (firewalls) used inside a VPC? Choose the 2 Correct answers:

- A. NetProtect
- B. Network Access Control List
- C. Security Group
- D. Security Lists

**Answer:** BC

**Explanation:**

Network Access Control Lists (NACL) act as a firewall on the subnet level, and Security Groups act as a firewall on the instance level.

#### NEW QUESTION 23

In S3, what is a file that you upload called?  
Choose the Correct Answer

- A. Static File
- B. Bucket
- C. Folder
- D. Object

**Answer:** D

**Explanation:**

Files that are stored in S3 are referred to as objects.

#### NEW QUESTION 28

Donna needs to provision a Linux server to run a web application on. What AWS service should she use to create the Linux server?  
Choose the Correct Answer

- A. VPC
- B. Lambda
- C. IAM
- D. EC2

**Answer:** D

**Explanation:**

Elastic Cloud Compute (EC2) is AWS server-based compute service platform. You can use it to provision and use Linux- and Windows-based servers.

#### NEW QUESTION 31

What is the name of AWS's RDS SQL database engine?  
Choose the Correct Answer

- A. Lightsail
- B. SNS
- C. MySQL
- D. Aurora

**Answer:** D

**Explanation:**

AWS created their own custom SQL database engine, which is called Aurora.

**NEW QUESTION 33**

What is the major difference between AWS's RDS and DynamoDB database services?

Choose the Correct Answer

- A. RDS offers NoSQL database options, and DynamoDB offers SQL database options.
- B. RDS offers on SQL database option, and DynamoDB offers many NoSQL database options.
- C. RDS offers SQL database options, and DynamoDB offers a NoSQL database option.
- D. None of the above

**Answer:** C

**Explanation:**

RDS is a SQL database service (that offers several database engine options), and DynamoDB is a NoSQL database option that only offers one NoSQL engine.

**NEW QUESTION 34**

Which AWS service uses a combination of publishers and subscribers?

Choose the Correct Answer

- A. SNS
- B. RDS
- C. EC2
- D. Lambda

**Answer:** A

**Explanation:**

In SNS, there are two types of clients: publishers and subscribers. Publishers send the message, and subscribers receive the message.

**NEW QUESTION 37**

If you want to learn about AWS architectural or security best practices, where will you find that type of information?

Choose the Correct Answer

- A. AWS Yellow Pages
- B. AWS Console Info Section
- C. AWS White Papers
- D. AWS Service Documentation

**Answer:** C

**Explanation:**

White papers are a collection of technical documents that outlines many AWS relevant topics.

**NEW QUESTION 42**

What is a main benefit of consolidated billing?

Choose the Correct Answer

- A. Faster response from AWS technical support.
- B. Gain a volume discount for usage across all your AWS accounts.
- C. Access to a higher support plan level.
- D. None of the abov

**Answer:** B

**Explanation:**

Consolidated billing allows you to view, manage, and pay bills for multiple AWS accounts in one user interface. Volume discounts can be earned by combining the usage from all accounts your own.

**NEW QUESTION 47**

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