Exam Questions CLF-C01

AWS Certified Cloud Practitioner

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NEW QUESTION 1
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 2
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 3
How much data can you store in S3?
Choose the Correct Answer

A. Storage capacity is virtually unlimited.
B. You can store up to 1 petabyte of data.
C. Each account is given 50 gigabytes of storage capacity and no more can be used.
D. You can store up to 1 petabyte of data, then you are required to pay an additional fe

Answer: A

Explanation:
Although there is theoretically a capacity limit, as an S3 user, there is no limited on the amount of data you can store in S3.

NEW QUESTION 4
Which of the following will effect how much you are charged for storing objects in S3? Choose the 2 Correct answers:

A. The storage class used for the objects stored.
B. Encrypting data (objects) stored in S3.
C. Creating and deleting S3 buckets
D. The total size in gigabytes of all objects store

Answer: AD

NEW QUESTION 5
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 6
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 7
What best describes penetration testing?
Choose the Correct Answer

A. Testing your applications ability to penetrate other applications.
B. Testing your IAM users access to AWS services.
C. Testing your own network/application for vulnerabilities.
D. None of the abov

Answer: C

NEW QUESTION 8
Why would a company decide to use AWS over an on-premises data center? (Select all that apply) Choose the 4 Correct answers:

A. Highly available infrastructure
B. Elastic resources based on demand
C. No upfront cost
D. Cost-effective

Answer: ABCD

Explanation:
All four answers listed are reasons why a company may decide to use AWS over an on-premises data center.

NEW QUESTION 9
You are trying to organize and import (to AWS) gigabytes of data that are currently structured in JSON-like, name-value documents. What AWS service would best fit your needs?
Choose the Correct Answer

A. Lambda
B. Aurora
C. RDS
D. DynamoDB

Answer: D

Explanation:
DynamoDB is AWS's NoSQL database offering. NoSQL databases are for non-structured data that are typically stored in JSON-like, name-value documents.

NEW QUESTION 10
John is working with a large data set, and he needs to import it into a relational database service. What AWS service will meet his needs?
Choose the Correct Answer

A. RDS
B. Redshift
C. NoSQL
D. DynamoDB

Answer: A

Explanation:
RDS is AWS's relational database service.

NEW QUESTION 10
Jeff is building a web application on AWS. He wants to make sure his application is highly available to his customers. What infrastructure components of the AWS cloud allow Jeff to accomplish this goal? (Select all that apply)
Choose the 2 Correct answers:

A. Availability Zones
B. Regional Zones
C. Regions
D. Data Locations

Answer: AC

Explanation:
As part of AWS' global infrastructure, Regions and Availability Zones allow for backups and duplicate components to be placed in seperate (isolated) areas of the globe. If one region/Availability Zone
were to fail, duplicates in other regions/Availability Zones can be used.

NEW QUESTION 13
If you want to easily share a file with a friend, family or coworker, what AWS solution should you use?

Choose the Correct Answer

A. Mail them a flash drive with the file on it.
B. Create an EC2 instance and give provide login credentials so others can access the file.
C. Upload the object to S3 and share it via its object's S3 public object URL.
D. None of the abov

Answer: C

Explanation:
You can easily share objects uploaded into S3 by provided others with the object's URL.

NEW QUESTION 15
S3 storage classes are rated by what two metric categories? (Select two) Choose the 2 Correct answers:

A. Objectivity
B. Durability
C. Availability
D. Fault tolerance

Answer: BC

Explanation:
Each S3 storage class is rated on its availability and durability.

NEW QUESTION 20
What AWS service has built-in DDoS mitigation?
Choose the Correct Answer

A. CloudFront
B. CloudTrail
C. CloudWatch
D. EC2

Answer: A

Explanation:
With CloudFront, you cache content at Edge Locations, which shield your underlining application infrastructure from DDoS attacks.

NEW QUESTION 21
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 25
What AWS database is primarily used to analyze data using standard SQL formatting with compatibility for your existing business intelligence tools?
Choose the Correct Answer

A. ElastiCache
B. DynamoDB
C. Redshift
D. RDS

Answer: C

Explanation:
Redshift is a database offering that is fully-managed and used for data warehousing and analytics, including compatibility with existing business intelligence tools.

NEW QUESTION 27
What AWS feature acts as a traffic distribution regulator, making sure each EC2 instance in a system get the same amount of traffic?
Choose the Correct Answer

A. Availability Zone
B. ELB
C. NACL

D. Auto Scaling

Answer: B

Explanation:
An Elastic Load Balancer is responsible for evenly distributing incoming web traffic between all the EC2 instances associated with it. This help prevent one server from becoming overloaded with traffic, while another server remains underutilized.

NEW QUESTION 30
What are the four primary benefits of using the cloud/AWS?
Choose the Correct Answer

A. Elasticity, scalability, easy access, limited storage.
B. Fault tolerance, scalability, elasticity, and high availability.
C. Unlimited storage, limited compute capacity, fault tolerance, and high availability.
D. Fault tolerance, scalability, sometimes available, unlimited storage

Answer: B

Explanation:
Fault tolerance, scalability, elasticity, and high availability are the four primary benefits of AWS/the cloud.

NEW QUESTION 35
What best describes a simplified definition of the "cloud"?
Choose the Correct Answer

A. All the computers in your local home network.
B. A computer located somewhere else that you are utilizing in some capacity.
C. An on-premisis data center that your company owns.
D. Your internet service provider

Answer: B

Explanation:
The simplest definition of the cloud is a computer that is located somewhere else that you are
utilizing in some capacity. AWS is a cloud services provider, as the provide access to computers they own (located at AWS data centers), that you use for various purposes.

NEW QUESTION 36
What is the purpose of a DNS server?
Choose the Correct Answer

A. To serve web application content.
B. To convert common language domain names to IP addresses.
C. To convert IP addresses to common language domain names.
D. To act as an internet search engin

Answer: B

Explanation:
Domain name system servers act as a "third party" that provides the service of converting common language domain names to IP addresses (which are required for a web browser to properly make a request for web content).

NEW QUESTION 37
What best describes the concept of scalability?
Choose the Correct Answer

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

Answer: B

Explanation:
Scalability refers to the concept of a system being able to easily (and cost-effectively) scale UP. For web applications, this means the ability to easily add server capacity when demand requires.

NEW QUESTION 41
Amit is running a web application with a capacity of 5000 users. Every few days, traffic reaches 5000 users and any additional users are being denied access.
What can Amit do to efficiently automate the process of adding and removing server capacity based on traffic demand?
Choose the Correct Answer

A. Enable elastic load balancing on his application.
B. Automating this process cannot be done
C. Enable auto scaling on his application.
D. Write a custom script to automate the process

Answer: C

Explanation:
Auto scaling in AWS allows you to configure metric-based rules that (when triggered) will add and/or remove instances (server capacity) to your application. Adding/moving instances is then automated based on the metric rules you configure.

NEW QUESTION 46
If you have a large collection of reproducible objects, which S3 storage class should you use if low cost is your priority?
Choose the Correct Answer

A. Glacier
B. Standard
C. Reduced Redundancy
D. None of the above

Answer: C

Explanation:
The reduced redundancy storage class has the lowest durability of all the storage classes. This means object stored in this storage class have the highest probability of being lost. So you should only store objects in this storage class if they can be easily reproduced. In exchange for the lower durability, the cost is lower than the standard storage class.

NEW QUESTION 51
Children's All Saints Hospital has millions of old medical records that they must save for regulatory reasons. These records will most likely never be accessed again. What is the best and most costeffective S3 storage option that will meet the hospitals needs?
Choose the Correct Answer

A. Standard
B. Infrequent Access
C. Glacier
D. Reduced Redundacy

Answer: C

Explanation:
Glacer is specifically designed for long-term archival storage. It is extremely inexpensive and should only be used for items that you access very infrequently.

NEW QUESTION 53
What are two open source in-memory engines supported by ElastiCache? Choose the 2 Correct answers:

A. Redis
B. Aurora
C. CacheIt
D. MemcacheD

Answer: AD

NEW QUESTION 58
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 59
If you want to monitor the average CPU usage of your EC2 instances, which AWS service should you use?
Choose the Correct Answer

A. CloudMonitor
B. CloudTrail
C. CloudWatch
D. None of the above

Answer: C

Explanation:
CloudWatch is used to collect, view, and track metrics for resources (such as EC2 instances) in your AWS account.

NEW QUESTION 63

Which of the following are AWS Support Plans? (Select all that apply) Choose the 3 Correct answers:

A. Enterprise
B. Expert
C. Basic
D. Business

Answer: ACD

Explanation:
AWS has four support plan levels: Basic Developer Business Enterprise

NEW QUESTION 64
What best describes the difference between the TCO Calculator and the Cost Explorer?
Choose the Correct Answer

A. The TCO Calculator help you analyze current AWS usage charges; the Cost Explorer helps you estimate the cost savings of using AWS.
B. The TCO Calculator helps you estimate the cost savings of using AWS; the Cost Explorer help you analyze current AWS usage charges.
C. The Cost Explorer helps you calculate hourly EC2 Usage cost; the TCO Calculator is a price list for each AWS service.
D. The Cost Explorer is a price list for each AWS service; the TCO Calculator helps you calculate hourly EC2 Usage cost.

Answer: B

Explanation:
The TCO calculator is a free tool provided by AWS that allows you to estimate the cost savings of using AWS vs. using an on-premises data center. The Cost Explorer is a free tool that allows you to view charges of your cost (helps you analyze where you are spending money).

NEW QUESTION 65
What does TCO stand for?
Choose the Correct Answer

A. Tally of Cost Ownership
B. Total Continual Ownership
C. The Cost of Ownership
D. None of the above

Answer: D

Explanation:
TCO stand for Total Cost of Ownership.

NEW QUESTION 70
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