Exam Questions CLF-C01

AWS Certified Cloud Practitioner

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NEW QUESTION 1
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 2
Your company's upper management is getting very nervous about managing governance, compliance, and risk auditing in AWS. What service should you enable and inform upper management about?
Choose the Correct Answer

A. CloudAudit
B. CloudTrail
C. CloudCompliance
D. CloudWatch

Answer: B

Explanation:
AWS CloudTrail is designed to log all actions taken in your AWS account. This provides a great resource for governance, compliance, and risk auditing.

NEW QUESTION 3
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 4
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 5
Kunal is managing an application running on an on-premises data center. What best describes the challenges he faces that someone using the AWS cloud does not?
Choose the Correct Answer

A. Kunal must research what size (compute capacity) servers he needs to run his application.
B. Kunal must know how to properly configure network level security.
C. Kunal must predict future growth, and scaling can be costly and time consuming.
D. None of the abov

Answer: C

Explanation:
Scaling is much faster and cost-effecting on the AWS cloud. With on-demand instances and autoscaling, future growth does not have to be predicted. More compute capacity can be added gradually
as demand increases.

NEW QUESTION 6
What AWS storage class should be used for long-term, archival storage?

Choose the Correct Answer

A. Glacier
B. Long-Term
C. Standard
D. Infrequent Access

Answer: A

Explanation:
Glacier should be used for (and is specifically designed for) long-term , archival storage.

NEW QUESTION 7
What are the benefits of DynamoDB? (Select all that apply) Choose the 3 Correct answers:

A. Supports multiple known NoSQL database engines like MariaDB and Oracle NoSQL.
B. Automatic scaling of throughput capacity.
C. Single-digit millisecond latency.
D. Supports both document and key-value store data model

Answer: BCD

Explanation:
DynamoDB does not use/support other NoSQL database engines. You only have access to use DynamoDB's built-in engine.

NEW QUESTION 8
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 9
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 10
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 10
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 15

You have been tasked by your department head to upload a batch of files to an S3 bucket; however, when you select S3 on the AWS console, you see a notification stating that you do not have permission to access S3. What is the most probable cause of this error?
Choose the Correct Answer

A. It takes 24 hours go get access to S3.
B. The S3 service is currently down for maintenance.
C. You do not have an S3 access policy attached to your IAM user.
D. Your boss has not enabled proper bucket permission

Answer: C

Explanation:
If you get an error stating that you do not have proper permissions to access/use and AWS service, then most likely your IAM user does not have the proper permission policy attached.

NEW QUESTION 17
If you have a set of frequently accessed files that are used on a daily basis, what S3 storage class should you store them in?
Choose the Correct Answer

A. Infrequent Access
B. Reduced Redundancy
C. Standard
D. Fast Access

Answer: C

Explanation:
The Standard storage class should be used for files that you access on a daily or very frequent basis.

NEW QUESTION 18
Under what circumstances would someone want to use ElastiCache? (Select all that apply) Choose the 2 Correct answers:

A. They need a NoSQL database option
B. They need to use Edge Locations to cache content
C. The need improved improve the performance of their web application.
D. They need in-memory data store servic

Answer: CD

Explanation:
ElastiCache is used as an in-memory data store or cache in the cloud. Benefits include improved performance for web applications (that rely on information stored in a database). Edge Locations are used for caching content with the CloudFront service, so that is not a answer here.

NEW QUESTION 21
What AWS service allows you to have your own private network in the AWS cloud?
Choose the Correct Answer

A. Virtual Private Network (VPN)
B. Virtual Private Cloud (VPC)
C. Virtual Cloud Network (VCN)
D. None of the abov

Answer: B

Explanation:
A Virtual Private Cloud (VPC) is a private sub-section of AWS that is your own private network. You control what resources you place inside the VPC and the security features around it.

NEW QUESTION 24
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 27
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 29
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 33
John, member of your company's development team, needs access to company's AWS account. What AWS service is used to manage such access?
Choose the Correct Answer

A. S3
B. Route 53
C. IAM
D. EC2

Answer: C

Explanation:
Identity & Access Management (IAM) is the AWS service where user accounts, credentials, and service access is managed.

NEW QUESTION 36
What is the EC2 AMI Marketplace?
Choose the Correct Answer

A. Where you select the storage type of an EC2 instance.
B. A collection of pay-to-use EC2 AMIs that generally come packaged with licensed enterprise software.
C. Where you store AMIs that you create.
D. Where you select to compute capacity of an EC2 instanc

Answer: B

NEW QUESTION 37
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 38
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 41
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 44
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