

CLF-C01 Dumps

AWS Certified Cloud Practitioner

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NEW QUESTION 1

What are the main benefits of On-Demand EC2 instances? (Select all that apply) Choose the 2 Correct answers:

- A. They are the cheapest buying option.
- B. They are the most filexible buying option.
- C. They require 1-2 days for setup and configuration.
- D. Create, start, stop, and terminate at any tim

Answer: BD

Explanation:

On-demand EC2 instances are widely used due to their filexibility. You can create, start, stop, and terminate at any time (with no startup or termination fees). Although due to this filexibility, they are the most expensive buying option.

NEW QUESTION 2

What best describes the purpose of having many Availability Zones in each AWS region?
Choose the Correct Answer

- A. Multiple Availability Zones allow for fault tolerance but not high availability.
- B. Multiple Availability Zones allow for cheaper prices due to competition between them.
- C. Multiple Availability Zones allow for duplicate and redundant compute, and data backups.
- D. None of the abov

Answer: C

Explanation:

Availability Zones work together within a region to provide users with the ability to easily setup and configure redundant architecture and backup solutions

NEW QUESTION 3

What TWO services/features are required to have highly available and fault tolerant architecture in AWS?
Choose the 2 Correct answers:

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

Answer: AD

NEW QUESTION 4

Which S3 storage class has lowest object availability rating?
Choose the Correct Answer

- A. Standard
- B. Reduced Redundancy
- C. Infrequent Access
- D. All of them have the same availability rating

Answer: C

Explanation:

Infrequent access has the lowest availability rating (99.90%). Standard and Reduced Redundancy have an availability rating of 99.99%

NEW QUESTION 5

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 6

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 7

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 8

What is AWS's serverless compute service?
Choose the Correct Answer

- A. S3
- B. Lambda
- C. EC2
- D. None of the above

Answer: B

Explanation:

AWS has two main compute services, EC2 (server-based) and Lambda (serverless).

NEW QUESTION 9

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 to 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 an AWS service, then most likely your IAM user does not have the proper permission policy attached.

NEW QUESTION 10

Thomas is managing the access rights and credentials for all the employees that have access to his company's AWS account. This morning, he 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 above

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

Which of the following will effect price you pay for an EC2 instance? (Select all that apply) Choose the 3 Correct answers:

- A. Instance Type.
- B. Selected Storage Class
- C. How long you use the instance for.
- D. Amazon Machine Image (AMI).

Answer: ACD

Explanation:

EC2 instance pricing various depending on many variables. 1) The type of buying option 2) Selected Ami 3) Selected instance type 4) Region 5) Data in/out 6) Storage capacity

NEW QUESTION 12

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 14

Derek is running a web application and is noticing that he is paying for way more server capacity then is required. What AWS feature should Derek set up and configure to ensure that his application is automatically adding/removing server capacity to keep in line with the required demand? Choose the Correct Answer

- A. Auto Scaling
- B. Elastic Server Scaling
- C. Elastic Load Balancing
- D. Auto Sizing

Answer: A

Explanation:

Auto scaling is the feature that automated the process of adding/removing server capacity from a system (based on usage demand). Auto scaling creates a very cost effective system by never having too much or too little server capacity.

NEW QUESTION 16

What is the purpose of AWS's Route 53 service? (Select all that apply) Choose the 2 Correct answers:

- A. Content Caching
- B. Database Management
- C. Domain Registration
- D. Domain Name System (DNS) service

Answer: CD

Explanation:

Route 53 is AWS's domain and DNS management service. You can use it to register new domain names, as well as manage DNS record sets.

NEW QUESTION 20

What AWS service help you estimate the cost of using AWS vs. an on-premises data center? Choose the Correct Answer

- A. Cost Explorer
- B. Consolidated Billing
- C. TCO Calculator
- D. None of the above

Answer: C

Explanation:

The TCO (total cost of ownership) calculator helps you estimate the cost of using AWS vs. an onpremises data center.

NEW QUESTION 21

What best describes Amazon Web Services (AWS)? Choose the Correct Answer

- A. AWS only provides compute and storage services.
- B. AWS is the cloud.
- C. AWS is a cloud services provider.
- D. None of the abov

Answer: C

Explanation:

AWS is defined as a cloud services provider. They provide hundreds of services of which compute and storage are included (not limited to).

NEW QUESTION 25

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 30

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-premises 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 they provide access to computers they own (located at AWS data centers), that you use for various purposes.

NEW QUESTION 33

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 engine

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 35

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 to be accessible when you attempt to access it

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 38

What is the relationship between AWS global infrastructure and the concept of high availability?
Choose the Correct Answer

- A. AWS is centrally located in one location and is subject to widespread outages if something happens at that one location.
- B. AWS regions and Availability Zones allow for redundant architecture to be placed in isolated parts of the world.
- C. Each AWS region handles a different AWS service, and you must use all regions to fully use AWS.
- D. None of the above

Answer: B

Explanation:

As an AWS user, you can create your applications infrastructure and duplicate it. By placing duplicate infrastructure in multiple regions, high availability is created because if one region fails you have a backup (in another region) to use.

NEW QUESTION 39

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 41

What is a main benefit of CloudFront?

Choose the Correct Answer

- A. DNS management
- B. Unlimited storage
- C. Serverless compute capacity
- D. Built-in DDoS protection

Answer: D

Explanation:

CloudFront allows you to cache content at edge locations. When a request is made for that content, the request is sent to an edge location (not your applications hardware), so the edge locations will absorb any DDoS attack and protect your underlining hardware.

NEW QUESTION 45

What is AWS's relational database service?

Choose the Correct Answer

- A. Redshift
- B. DymamoDB
- C. ElastiCache
- D. RDS

Answer: D

Explanation:

RDS offers SQL database options - otherwise known as relational databases.

NEW QUESTION 46

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