



Amazon

Exam Questions AWS-Certified-Cloud-Practitioner

Amazon AWS Certified Cloud Practitioner

NEW QUESTION 1

What does S3 stand for? Choose the Correct Answer

- A. Simple Storage Service
- B. Simplified Storage Service
- C. Simple Store Service
- D. Service for Simple Storage

Answer: A

NEW QUESTION 2

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 3

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 4

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 5

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 6

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 7

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 8

If an object is stored in the Standard S3 storage class and you want to move it to Glacier, what must you do in order to properly migrate it? Choose the Correct Answer

- A. Delete the object and reupload it, selecting Glacier as the storage class.
- B. Create a lifecycle policy that will migrate it after a minimum of 30 days.
- C. Change the storage class directly on the object.
- D. None of the above

Answer: B

Explanation:

Any object uploaded to S3 must first be placed into either the Standard, Reduced Redundancy, or Infrequent Access storage class. Once in S3 the only way to move the object to glacier is through a lifecycle policy.

NEW QUESTION 9

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 varies 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 10

If you want in-depth details on how to create, manage, and attach IAM access policies to IAM users, in what AWS resource should you look? Choose the Correct Answer

- A. AWS How-To-Help Section
- B. AWS Service Documentation
- C. AWS Whitepapers
- D. None of the above

Answer: B

Explanation:

AWS Service documentation is a collection of documents specific to each AWS service. They contain detailed how-to's, as well as technical walkthroughs and specifications.

NEW QUESTION 10

What AWS service uses Edge Locations for content caching? Choose the Correct Answer

- A. ElastiCache
- B. Route 53
- C. CloudFront
- D. CloudCache

Answer: C

Explanation:

CloudFront is a content caching service provided by AWS that utilizes "Edge Locations," which are AWS data centers located all around the world.

NEW QUESTION 11

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 12

Matt is working on a projects that involves converting an images format from .png to .jpg. Thousands of images have to be converted; however, time is not really an issue and continual processing is not required. What type of EC2 buying option would be most cost-effective for Matt to use?
Choose the Correct Answer

- A. Spot
- B. On-demand
- C. Reserved
- D. None of the above

Answer: A

Explanation:

Spot instances offer the cheapest option of all EC2's buying options. However, spot instances should only be used when there can be interruptions in the processing jobs being conducted. This is due to the fluctuation in spot pricing. If the spot price goes above your bid price, then you will lose access to the spot instance (thus causing a stoppage in processing).

NEW QUESTION 13

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 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 18

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 the concept of fault tolerance?
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 and shrink based on demand.
- 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: A

Explanation:

Fault tolerance describes the concept of a system (in our case a web application) to have failure in some of its components and still remain accessible (highly available). Fault tolerant web applications will have at least two web servers (in case one fails).

NEW QUESTION 23

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 26

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 28

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 30

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 services, 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 a another region) to use.

NEW QUESTION 33

Karen is building a website that is expected to have a minimum of 1000 users continually over the course of 24 hours. For 8 hours each day, traffic is expected to be at about 1800 users. What EC2 buying options should she use to handle all the traffic and be most cost-effective?

Choose the Correct Answer

- A. Karen should rely solely on spot instances since that will be the cheapest option.
- B. Karen should buy enough reserved instance capacity to handle all 1800 users and probably buy a little more capacity just in case it is needed.
- C. Karen should buy reserved instances with enough capacity to cover the baseline of 1000 users, then rely on on-demand instances for the 8 hour period of increased traffic each day.
- D. Karen should buy reserved instances with enough capacity to cover the baseline of 1000 users, then rely on spot instances for the 8 hour period of increased traffic each day.

Answer: C

Explanation:

Reserved instances should be used to handle the expected baseline traffic to the website. Reserved instances (in 1/3 year term) can be purchased as a significant discount over on-demand instances. Any varying traffic above the baseline should be handled with on-demand instance (since they can be added/removed at any time, based on current demand). Spot instances should not be used in this scenario.

NEW QUESTION 34

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 38

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 objects 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 39

An Edge Location is a specialized AWS data center that works in conjunction with what AWS service?

Choose the Correct Answer

- A. Route 53
- B. CloudWatch
- C. Lambda
- D. CloudFront

Answer: D

Explanation:

CloudFront is comprised of a network of Edge Locations (which is where content is cached).

NEW QUESTION 42

What AWS database service is used for data warehousing of petabytes of data?

Choose the Correct Answer

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

Answer: C

Explanation:

Redshift is a fully-managed data warehouse that is perfect for storing petabytes worth of data.

NEW QUESTION 47

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

- A. Redis
- B. Aurora
- C. Cachelt
- D. Memcached

Answer: AD

NEW QUESTION 51

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 56

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 59

What term best describes the AWS pricing model?
Choose the Correct Answer

- A. Pay-all-up-front
- B. Pay-as-you-go
- C. Pay-all-at-end
- D. None of the above

Answer: B

Explanation:

AWS operates on a pay-as-you-go model. No upfront cost or termination fees.

NEW QUESTION 64

Consolidated billing is managed through what AWS service?
Choose the Correct Answer

- A. AWS TCO
- B. AWS Billing Manager
- C. AWS Consolidated Management
- D. AWS Organizations

Answer: D

Explanation:

AWS Organizations is where you can manage multiple AWS accounts in one place (including it's billing features, such as consolidated billing).

NEW QUESTION 68

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 71

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 73

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