

AWS-Certified-Cloud-Practitioner Dumps

Amazon 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 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

You have just set up a brand new AWS account. You want to keep monthly billing under \$100, but you are worried about going over that limit. What can you set up in order to be notified when the monthly bill approaches \$100? Choose the Correct Answer

- A. A CloudTrail billing alarm that triggers an SNS notification to your email address.
- B. A SNS billing alarm that triggers a CloudWatch notification to your email address.
- C. A CloudWatch billing alarm that triggers an SNS notification to your email address.
- D. A CloudWatch billing alarm that triggers a CloudTrail notification to your email addres

Answer: C

Explanation:

In CloudWatch, you can set up a billing alarm that will trigger when your monthly bill hit the set threshold. That alarm can then be set up to trigger an SNS topic that will send you a notification that the alarm threshold as been met.

NEW QUESTION 4

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 5

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 6

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 7

Kim is managing a web application running on the AWS cloud. The application is currently utilizing eight EC2 servers for its compute platform. Earlier today, two of those web servers crashed; however, none of her customer were effected. What has Kim done correctly in this scenario?
Choose the Correct Answer

- A. Properly built an elastic system.
- B. Properly built a scalable system
- C. Properly build a fault tolerant system.
- D. None of the abov

Answer: C

Explanation:

A fault tolerant system is one that can sustain a certain amount of failure while still remaining operational.

NEW QUESTION 8

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 9

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 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

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 13

What are the benefits of AWS's Relational Database Service (RDS)? (Select all that apply) Choose the 3 Correct answers:

- A. Resizable capacity
- B. Automated patches and backups
- C. Cost-efficient
- D. None of the above

Answer: ABC

NEW QUESTION 17

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 22

What services has built-in DDoS mitigation and/or protection?

Choose the Correct Answer

- A. EC2
- B. RDS
- C. SNS
- D. None of the above

Answer: D

Explanation:

AWS services with built-in DDoS migigation/protection include: 1) Route 53 2) CloudFront 3) WAF (web application firewall) 4) Elastic Load Balancing 5) VPCs and Security Groups

NEW QUESTION 23

What should you do if you believe your AWS account has been compromised? (Select all that apply) Choose the 4 Correct answers:

- A. Delete any resources in your account that you did not create.
- B. Respond to any notifications you received from AWS through the AWS Support Center.
- C. Change all IAM user's passwords.
- D. Delete or rotate all programatic (API) access key

Answer: ABCD

Explanation:

All these answers are actions you should take if you believe you account has been compromised.

NEW QUESTION 25

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 29

If you are using an on-demand EC2 instance, how are you being charged for it?

Choose the Correct Answer

- A. You are charged per second, based on an hourly rate, and there are no termination fees.
- B. You are charged by the hour and must pay a partial upfront fee.

- C. You must commit to a one or three year term and pay upfront.
- D. You are charged per second, based on an hourly rate, and there is a termination fee

Answer: A

Explanation:

On-demand EC2 instances are exactly that, on-demand. There are no upfront or termination fees, and you are charged for each second of usage (based on an hourly rate).

NEW QUESTION 33

Tracy has created a web application, placing its underlying infrastructure in the N. Virginia (US-East-1) region. After several months, Tracy notices that much of the traffic coming to her website is coming from Japan. What can Tracy do to (best) help reduce latency for her users in Japan?

Choose the Correct Answer

- A. Copy the current VPC and located in US-East-1 and ask AWS to move it to a region closest to Japan
- B. Create and manage a complete duplicate copy of the web application and its infrastructure in a region closest to Japan.
- C. Create a CDN using CloudFront, making sure the proper content is cached at Edge Locations closest to Japan.
- D. Create a CDN using CloudCache, making sure the proper content is cached at Edge Locations closest to Japan.

Answer: C

Explanation:

CloudFront is AWS's content delivery network (CDN) service. You can use it to cache web content at edge locations that are closest to your customers. This will decrease latency for the customer and improve overall performance.

NEW QUESTION 35

What AWS service helps 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 on-premises data center.

NEW QUESTION 38

What AWS feature acts as a traffic distribution regulator, making sure each EC2 instance in a system gets 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 helps prevent one server from becoming overloaded with traffic, while another server remains underutilized.

NEW QUESTION 40

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 to be accessible when you attempt to access it

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 41

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 43

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 46

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 50

What best describes the concept of a virtual private cloud?

Choose the Correct Answer

- A. A private section of AWS in which you control what resources are placed inside.
- B. A collection of data centers.
- C. A shared section of AWS between you and other AWS account holders.
- D. A private section of AWS in which you control what resources are placed inside and who can access those resources.

Answer: D

Explanation:

A VPC is a private section of AWS in which you control what resources are placed inside and who can access those resources. A VPC defines your own private network that runs on AWS infrastructure.

NEW QUESTION 55

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 56

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

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 64

Under what circumstances would you choose to use the AWS service CloudTrail?

Choose the Correct Answer

- A. When you want to collect and view resource metrics.
- B. When you want to log what actions various IAM users are taking in your AWS account.
- C. When you want a serverless compute platform.
- D. When you want to send SMS notificaitions based on events that occur in your accoun

Answer: B

Explanation:

CloudTrail is AWS's logging service used to log actions taken by users in your AWS account.

NEW QUESTION 65

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 66

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 68

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 71

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