Amazon

Exam Questions AWS-Certified-Cloud-Practitioner

Amazon AWS Certified Cloud Practitioner

NEW QUESTION 1
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 2
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 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
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 5
The concept of elasticity is most closely associated with which of the following?
Choose the Correct Answer

A. Auto Scaling
B. Network Security
C. Serverless Computing
D. Elastic Load Balancing

Answer: A

Explanation:
Elasticity is the concept that a system can easily (and cost-effectively) both increase in capacity based on-demand and also shrink in capacity based on-demand.
Auto Scaling on AWS is specifically designed to (automatically) increase and decrease server capacity based on-demand.

NEW QUESTION 6
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 7
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 8
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 9
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 10
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 10
Before moving and/or storing object in AWS Glacier, what considerations should you make regarding the data you want to store.
Choose the Correct Answer

A. Make sure the data is properly formatted for storage Glacier.
B. Make sure the total amount of data you want to store in under 1 terabyte in size.
C. Make sure you are ok with it taking at minimum a few minutes to retrieve the data once stored in Glacier.
D. None of the abov

Answer: C

Explanation:
Objects stored in Glacier take time to retrieve. You can pay for expedited retrieval, which will take several minutes - OR wait several hours (for normal retrieval).

NEW QUESTION 12
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 14
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 18
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 19
You notice that five of your 10 S3 buckets are no longer available in your account, and you assume that they have been deleted. You are unsure who may have deleted them, and no one is taking responsibility. What should you do to investigate and find out who deleted the S3 buckets?
Choose the Correct Answer

A. Look at the S3 logs.
B. Look at the CloudTrail logs.
C. Look at the CloudWatch Logs.
D. Look at the SNS log

Answer: B

Explanation:
CloudTrail is logging service that logs actions taken by AWS users in your AWS account, such as creating/deleting S3 buckets, starting/stopping EC2 stances, etc.

NEW QUESTION 20
What acts as an address (like a mailing address) for a web server located on a network?
Choose the Correct Answer

A. DNS Server
B. IP Address
C. Common language domain name
D. None of the above

Answer: B

Explanation:
An IP address is a severs address on a network. It is how traffic/request get routed to it (much like a piece of mail gets routed to your home).

NEW QUESTION 24
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 29
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 30
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 34
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 36
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 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 43
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 44
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 47
Kunal is logged into his company's AWS account. He tries to access EC2 but is getting an error. What is the most likely reason why he cannot access EC2?
Choose the Correct Answer

A. There is not an IAM access policy attached to his IAM user.
B. He is not part of an IAM Group.
C. He does not have multi-factor authentication (MFA) enabled.
D. There is not an IAM access policy attached to his IAM rol

Answer: A

Explanation:
When an IAM user is created, that user has NO access to any AWS services. To gain access to an AWS server, an IAM user must have permission granted to them. This is done by attached an IAM access policy to their IAM user (or through an attached group). However, just being in a group does not grant access. A proper policy would need to be attached to that group.

NEW QUESTION 50
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 53
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 58
In the AWS Shared Responsibility Model, what is AWS responsible for? (Select all that apply) Choose the 2 Correct answers:

A. Physical security of the AWS data centers
B. Server-side encryption
C. Network level security
D. The maintenance of the hosts virtualization softwar

Answer: AD

NEW QUESTION 63
What MUST you do before you do any penetration testing on your account?
Choose the Correct Answer

A. Penetration testing is now allowed.
B. Contact AWS and let them know first.
C. Nothing, you are free to do penetration testing whenever you like.
D. None of the above

Answer: B

Explanation:
You must contact AWS before doing any penetration testing on your account. If you do not notify AWS first, they may shut down your account.

NEW QUESTION 65
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 69
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 70
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