Exam Questions AWS-Certified-Cloud-Practitioner

Amazon AWS Certified Cloud Practitioner

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NEW QUESTION 1
What is the term used to describe giving an AWS user only access to the exact services he/she needs to do the required job and nothing more?
Choose the Correct Answer

A. The Least Privilege User Principal
B. The Principal of Least Privilege
C. The Only Access Principal.
D. None of the above

Answer: B

NEW QUESTION 2
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 3
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 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 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 8
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 9
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 10
Stephen is having issues tracking how much compute capacity his application is using. Ideally, he wants to track and have alarms for when CPU utilization goes over 70%. What should Stephen do to accomplish this?
Choose the Correct Answer

A. Configure an SNS topic with an alarm threshold set to trigger when CPU utilization is greater than 70%.
B. Configure a CloudWatch alarm with an alarm threshold set to trigger when CPU utilization is greater than 70%.
C. Configure a CloudWatch alarm with an alarm threshold set to trigger when CPU utilization is greater than or equal to 70%.
D. None of the abov

Answer: B

Explanation:
The answer is to configure a CloudWatch alarm with an alarm threshold set to trigger when CPU utilization is greater than 70%. This will display the alarm in "alarm" state when CPU utilization is greater than 70%. This question has been worded very specifically with the works "goes above 70%". This disqualifies the answer that stated "great than or equal to 70%". The AWS exam will have very tricky questions like this.

NEW QUESTION 10
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 abov

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 14
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 16
Thomas is managing the access rights and credentials for all the employees that have access to his company's AWS account. This morning, his 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 abov

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 18
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 21
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 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 24
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 29
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 30
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 33
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 37
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 42
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 47
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 51
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 53
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 56
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 58
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