CLF-C01 Dumps

AWS Certified Cloud Practitioner

https://www.certleader.com/CLF-C01-dumps.html

NEW QUESTION 1
What you create and S3 bucket, what rules must be followed regarding the bucket name? (Select all that apply) Choose the 2 Correct answers:

A. Bucket names must be unique across all of AWS.
B. Bucket names must be between 3-63 characters in length.
C. Bucket names must contain at least one uppercase letter
D. Bucket names can be formatted as IP addresses

Answer: AB

Explanation:
Although certain regions do allow for uppercase letters in the bucket name, uppercase letters are NOT required. Also, a bucket name cannot be formatted as an IP address.

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 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 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 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 6
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 7
What best describes penetration testing?
Choose the Correct Answer

A. Testing your applications ability to penetrate other applications.
B. Testing your IAM users access to AWS services.
C. Testing your own network/application for vulnerabilities.
D. None of the abov

Answer: C

NEW QUESTION 8
What best describes what AWS is?
Choose the Correct Answer

A. AWS is an online retailer
B. AWS is the cloud.
C. AWS is a cloud services provider.
D. None of the abov

Answer: C

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
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 10
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 14
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 17
If you have a set of frequently accessed files that are used on a daily basis, what S3 storage class should you store them in?
Choose the Correct Answer

A. Infrequent Access
B. Reduced Redundancy
C. Standard
D. Fast Access

Answer: C

Explanation:
The Standard storage class should be used for files that you access on a daily or very frequent basis.

NEW QUESTION 20
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 21
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 25
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 27
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 32
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 35
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 fe

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 37
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 42
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 43
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 48
Tracy has created a web application, placing it's underlining 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 a 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 what are closest to you customers. This will decrease latency for the customer and improve overall performance.

NEW QUESTION 49
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 52
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 53
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 be accessible when you attempt to access i

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 56
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 used use 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 60
Amit is running a web application with a capacity of 5000 users. Every few days, traffic reaches 5000 users and any additional users are being denied access. What can Amit do to efficiently automate the process of adding and removing server capacity based on traffic demand?
Choose the Correct Answer

A. Enable elastic load balancing on his application.
B. Automating this process cannot be done
C. Enable auto scaling on his application.
D. Write a custom script to automate the process

Answer: C

Explanation:
Auto scaling in AWS allows you to configure metric-based rules that (when triggered) will add and/or remove instances (server capacity) to your application. Adding/moving instances is then automated based on the metric rules you configure.

NEW QUESTION 62
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 66
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 70
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 72
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 73
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 75
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 76
Donna needs to provision a Linux server to run a web application on. What AWS service should she use to create the Linux server?
Choose the Correct Answer

A. VPC
B. Lambda
C. IAM
D. EC2

Answer: D

Explanation:
Elastic Cloud Compute (EC2) is AWS server-based compute service platform. You can use it to provision and use Linux- and Windows-based servers.

NEW QUESTION 78
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 79
What are two open source in-memory engines supported by ElastiCache? Choose the 2 Correct answers:

A. Redis
B. Aurora
C. CacheIt
D. MemcacheD

Answer: AD

NEW QUESTION 82
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 84
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 85
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 86
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