

## CLF-C01 Dumps

### AWS Certified Cloud Practitioner

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



**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 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 above

**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 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**

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**

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 6**

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 7**

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 above

**Answer: C**

**Explanation:**

Scaling is much faster and cost-effective 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 8**

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 9**

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**

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 above

**Answer: C**

**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 above

**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 words "goes above 70%". This disqualifies the answer that stated "greater than or equal to 70%". The AWS exam will have very tricky questions like this.

**NEW QUESTION 13**

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 14**

What is the most common type of storage used for EC2 instances?

Choose the Correct Answer

- A. Elastic File System (EFS)
- B. EC2 Hard Drives
- C. Elastic Block Store (EBS)
- D. Magnetic Drive (MD)

**Answer:** C

**Explanation:**

EC2 instance have several different hard drive options. However, Elastic Block Store (EBS), which is a type of Network Attached Storage, is the most popular and widely used.

**NEW QUESTION 18**

What are the primary benefits of using Lambda? (Select all that apply) Choose the 2 Correct answers:

- A. Pay for only the compute time you consume.
- B. Wide variety of operating systems to select from.
- C. Actively select and manage instance type and capacity.
- D. Run code without provisioning server

**Answer:** AD

**Explanation:**

Lambda, being AWS's serverless compute platform, means there are no servers, instance types, or capacity to select. That is all managed for you. With Lambda, you only pay for the when your code is actually being executed.

**NEW QUESTION 20**

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 mitigation/protection include: 1) Route 53 2) CloudFront 3) WAF (web application firewall) 4) Elastic Load Balancing 5) VPCs and Security Groups

**NEW QUESTION 22**

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. They need improved performance of their web application.
- D. They need in-memory data store service

**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 23**

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 25**

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 26**

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

**NEW QUESTION 28**

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 30**

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 32**

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 34**

What is AWS's relational database service?

Choose the Correct Answer

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

**Answer:** D

**Explanation:**

RDS offers SQL database options - otherwise known as relational databases.

**NEW QUESTION 39**

If you want to have SMS or email notifications sent to various members of your department with status updates on resources in your AWS account, what service should you choose?

Choose the Correct Answer

- A. STS
- B. RDS
- C. GetSMS
- D. SNS

**Answer:** D

**Explanation:**

Simple Notification Service (SNS) is what publishes messages to SMS and/or email endpoints.

**NEW QUESTION 42**

What SQL database engine options are available in RDS? (Select all that apply) Choose the 3 Correct answers:

- A. MariaDB
- B. PostreSQL
- C. MongoDB
- D. MySQL

**Answer:** ABD

**Explanation:**

RDS offers the following SQL options: Aurora MySQL MariaDB PostreSQL Oracle Miscrosoft SQLServer

**NEW QUESTION 47**

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 51**

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 53**

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 54**

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 above

**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 58**

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 60**

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