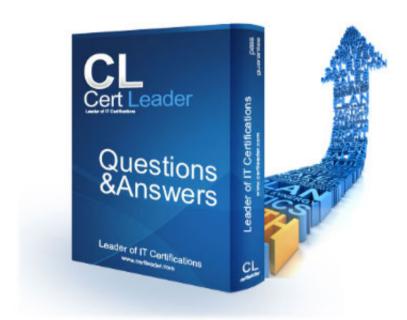# AWS-Certified-Cloud-Practitioner Dumps

Amazon AWS Certified Cloud Practitioner

https://www.certleader.com/AWS-Certified-Cloud-Practitioner-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 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 3
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 4
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 5
Big Cloud Jumbo Corp is beginning to explore migrating their entire on-premises data center to AWS. They are very concerned about how much it will cost once their entire I.T. infrastructure is running on AWS. What tool can you recommend so that they can estimate what the cost of using AWS may be?
Choose the Correct Answer

A. AWS Estimate Calculator
B. AWS TCO Calculator
C. AWS Cost Explorer
D. AWS Migration Cost Calculator

Answer: B

Explanation:
The AWS TCO (Total Cost of Ownership) Calculator is a free tool provided by AWS. It allows you to compare your current on-premises cost vs. estimated AWS cost.

NEW QUESTION 6
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 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 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
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 10
Why would a company decide to use AWS over an on-premises data center? (Select all that apply) Choose the 4 Correct answers:

A. Highly available infrastructure
B. Elastic resources based on demand
C. No upfront cost
D. Cost-effective

Answer: ABCD

Explanation:
All four answers listed are reasons why a company may decide to use AWS over an on-premises data center.

NEW QUESTION 10
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 15
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 19
John is working with a large data set, and he needs to import it into a relational database service. What AWS service will meet his needs?
Choose the Correct Answer

A. RDS
B. Redshift
C. NoSQL
D. DynamoDB

Answer: A

Explanation:
RDS is AWS's relational database service.

NEW QUESTION 21
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 24
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 27
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 30
What AWS service has built-in DDoS mitigation?
Choose the Correct Answer

A. CloudFront
B. CloudTrail
C. CloudWatch
D. EC2

Answer: A

Explanation:
With CloudFront, you cache content at Edge Locations, which shield your underlining application infrastructure from DDoS attacks.

NEW QUESTION 32
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 34
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 35
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 39
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 41
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 43
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 44
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 48
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 53
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 56
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 60
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 64
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 65
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 69
What AWS service help 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 onpremises data center.

NEW QUESTION 72
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 76
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 80
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 84
Mike is setting up the infrastructure for a web application that requires three EC2 instances to handle the expected demand. However, when testing the application, Mike find that all traffic to the application is being routed to only one of the servers. What AWS feature should he add to his application in order to have traffic evenly distributed between all three servers?
Choose the Correct Answer

A. Elastic Load Balancer
B. Auto Scaling
C. Route 53
D. CloudFront

Answer: A

Explanation:
An Elastic Load Balancer is designed to evenly distribute incoming web traffic between all servers that are associated with it.

NEW QUESTION 85
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 87
What are the TWO main security layers (firewalls) used inside a VPC? Choose the 2 Correct answers:

A. NetProtect
B. Network Access Control List
C. Security Group
D. Security Lists

Answer: BC

Explanation:
Network Access Control Lists (NACL) act as a firewall on the subnet level, and Security Groups act as a firewall on the instance level.

NEW QUESTION 88
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 93

Jacky is creating a website using AWS infrastructure. She has a great idea for a domain name but needs to see if it's available and, if so, register it. What AWS service will allow her to do this?
Choose the Correct Answer

A. CloudFront
B. DomainServices
C. CloudWatch
D. Route 53

Answer: D

Explanation:
Route 53 is AWS's domain and DNS management service. (DomainServices does not exist).

NEW QUESTION 95

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 97

In S3, what is a file that you upload called?
Choose the Correct Answer

A. Static File
B. Bucket
C. Folder
D. Object

Answer: D

Explanation:
Files that are stored in S3 are referred to as objects.

NEW QUESTION 98

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 102

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 104

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 108
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 109
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 114
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 118
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 122
What categories full under those analyzed by the AWS Trusted Advisor program? (Select all that apply)
Choose the 2 Correct answers:

A. Fault tolerance
B. Scalability
C. Cost optimization
D. None of the above

Answer: AC

Explanation:
The AWS Trusted Advisor program will analyze your account with check in the following categories: Cost Optimization Performance Security Fault Tolerance

NEW QUESTION 125
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