

# Amazon

## Exam Questions AWS-Certified-Cloud-Practitioner

Amazon AWS Certified Cloud Practitioner



#### 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 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 3

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 4

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 address

**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 has been met.

#### NEW QUESTION 5

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 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

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

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 above

**Answer:** C

#### NEW QUESTION 11

What is one benefit AND one drawback of buying a reserved EC2 instance? (Select two) Choose the 2 Correct answers:

- A. You can terminate the instance at any time without any further pricing commitment.
- B. Reserved instances can be purchased as a significant discount over on-demand instances.
- C. You can potentially save a lot of money by placing a lower "bid" price.
- D. You are locked in to either a one- or three-year pricing commitment

**Answer:** BD

**Explanation:**

Reserved instances require a one- or three-year purchase term, so you are committing to paying for that much compute capacity for that full time period. However, in exchange for the long-term commitment, you will receive a discount (of up to 75%) over using an on-demand instance (for that same time period).

**NEW QUESTION 14**

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 is 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 above

**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 16**

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 17**

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 separate (isolated) areas of the globe. If one region/Availability Zone were to fail, duplicates in other regions/Availability Zones can be used.

**NEW QUESTION 18**

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 21**

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 "great than or equal to 70%". The AWS exam will have very tricky questions like this.

**NEW QUESTION 22**

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 24**

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 above

**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 26**

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 to 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 an AWS service, then most likely your IAM user does not have the proper permission policy attached.

**NEW QUESTION 31**

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

**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 34**

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 37**

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 41**

Which of the following will effect price you pay for an EC2 instance? (Select all that apply) Choose the 3 Correct answers:

- A. Instance Type.
- B. Selected Storage Class
- C. How long you use the instance for.
- D. Amazon Machine Image (AMI).

**Answer:** ACD

**Explanation:**

EC2 instance pricing various depending on many variables. 1) The type of buying option 2) Selected Ami 3) Selected instance type 4) Region 5) Data in/out 6) Storage capacity

**NEW QUESTION 46**

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 instances, etc.

**NEW QUESTION 49**

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 servers 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 50**

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 53**



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 56**

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 58**

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 59**

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 64**

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 66**

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 68**

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 73**

What best describes the concept of high availability?  
Choose the Correct Answer

- A. The ability for a system to grow and shrink based on demand.
- B. The ability for a system to withstand a certain amount of failure and still remain functional.
- 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:** D

**Explanation:**

High availability refers to the concept that something will be accessible when you try to access it. An object or web application is "highly available" when it is accessible a vast majority of the time.

**NEW QUESTION 78**

What best describes the concept of elasticity?  
Choose the Correct Answer

- A. The ability for a system to grow in size, capacity, and/or scope.
- B. The ability for a system to withstand a certain amount of failure and still remain functional.
- 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:** C

**Explanation:**

Elasticity (think of a rubber band) defines a system that can easily (and cost-effectively) grow and shrink based on required demand.

**NEW QUESTION 82**

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 87**

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 be used 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 92**

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 96**

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 underlying hardware.

**NEW QUESTION 97**

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 99**

What is the EC2 AMI Marketplace?  
Choose the Correct Answer

- A. Where you select the storage type of an EC2 instance.
- B. A collection of pay-to-use EC2 AMIs that generally come packaged with licensed enterprise software.
- C. Where you store AMIs that you create.
- D. Where you select to compute capacity of an EC2 instance

**Answer:** B

**NEW QUESTION 102**

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 107**

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 108**

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 109**

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 112**

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 116**

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 119**

.....

## Thank You for Trying Our Product

### We offer two products:

1st - We have Practice Tests Software with Actual Exam Questions

2nd - Questions and Answers in PDF Format

### AWS-Certified-Cloud-Practitioner Practice Exam Features:

- \* AWS-Certified-Cloud-Practitioner Questions and Answers Updated Frequently
- \* AWS-Certified-Cloud-Practitioner Practice Questions Verified by Expert Senior Certified Staff
- \* AWS-Certified-Cloud-Practitioner Most Realistic Questions that Guarantee you a Pass on Your FirstTry
- \* AWS-Certified-Cloud-Practitioner Practice Test Questions in Multiple Choice Formats and Updatesfor 1 Year

**100% Actual & Verified — Instant Download, Please Click**  
**[Order The AWS-Certified-Cloud-Practitioner Practice Test Here](#)**