Amazon

Exam Questions AWS-Certified-Cloud-Practitioner

Amazon AWS Certified Cloud Practitioner

NEW QUESTION 1
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 2
What AWS service must you use if you want to configure an AWS billing alarm? Choose the Correct
Answer

A. CloudWatch
B. CloudMonitor
C. Consolidated billing
D. CloudTrail

Answer: A

Explanation:
CloudWatch is the AWS service that allows you to collect metrics, and create alarms based on those metrics. Billing metrics can be tracked in CloudWatch, therefore billing alarms can be created.

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
How much data can you store in S3?
Choose the Correct Answer

A. Storage capacity is virtually unlimited.
B. You can store up to 1 petabyte of data.
C. Each account is given 50 gigabytes of storage capacity and no more can be used.
D. You can store up to 1 petabyte of data, then you are required to pay an additional fe

Answer: A

Explanation:
Although there is theoretically a capacity limit, as an S3 user, there is no limited on the amount of data you can store in S3.

NEW QUESTION 5
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 6
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 7
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 8
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 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 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 10
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 11
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 15
What is the availability and durability rating of S3 Standard Storage Class?
Choose the Correct Answer

A. 99.999999999% Durability and 99.99% Availability
B. 99.999999999% Availability and 99.90% Durability
C. 99.999999999% Availability and 99.99% Durability
D. 99.999999999% Durability and 99.00% Availability

Answer: A

Explanation:
S3 Standard Storage class has a rating of 99.999999999% durability (referred to as 11 nines) and 99.99% availability.

NEW QUESTION 18
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 23
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 24
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 27
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 31
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 33
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 35
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 39
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 42
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 44
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 46
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 50
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 55
What best describes an AWS region?
Choose the Correct Answer

A. A specific location where an AWS data center is located.
B. An isolated collection of AWS Availability Zones, of which there are many placed all around the world.
C. The physical networking connections between Availability Zones.
D. A collection of DNS server

Answer: B

Explanation:
An AWS region is an isolated geographical area that is is comprised of three or more AWS Availability Zones.

NEW QUESTION 59
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 61
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 65
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 70
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 71
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 74
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 76
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 78
What is the major difference between AWS's RDS and DynamoDB database services?
Choose the Correct Answer

A. RDS offers NoSQL database options, and DynamoDB offers SQL database options.
B. RDS offers on SQL database option, and DynamoDB offers many NoSQL database options.
C. RDS offers SQL database options, and DynamoDB offers a NoSQL database option.
D. None of the above

Answer: C

Explanation:
RDS is a SQL database service (that offers several database engine options), and DynamoDB is a NoSQL database option that only offers one NoSQL engine.

NEW QUESTION 82
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 84
If you want to learn about AWS architectural or security best practices, where will you find that type of information?
Choose the Correct Answer

A. AWS Yellow Pages
B. AWS Console Info Section
C. AWS White Papers
D. AWS Service Documentation

Answer: C

Explanation:
White papers are a collection of technical documents that outlines many AWS relevant topics.

NEW QUESTION 87
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 abov

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 92
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 93
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About Exambible

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What AWS service has built-in DDoS mitigation?
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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.

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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?
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What AWS database is primarily used to analyze data using standard SQL formatting with compatibility for your existing business intelligence tools?
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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 55
What best describes an AWS region?
Choose the Correct Answer

A. A specific location where an AWS data center is located.
B. An isolated collection of AWS Availability Zones, of which there are many placed all around the world.
C. The physical networking connections between Availability Zones.
D. A collection of DNS server

Answer: B

Explanation:
An AWS region is an isolated geographical area that is is comprised of three or more AWS Availability Zones.

NEW QUESTION 59
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 61
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 65
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 70
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 71
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 74
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 76
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 78
What is the major difference between AWS's RDS and DynamoDB database services?
Choose the Correct Answer

A. RDS offers NoSQL database options, and DynamoDB offers SQL database options.
B. RDS offers on SQL database option, and DynamoDB offers many NoSQL database options.
C. RDS offers SQL database options, and DynamoDB offers a NoSQL database option.
D. None of the above

Answer: C

Explanation:
RDS is a SQL database service (that offers several database engine options), and DynamoDB is a NoSQL database option that only offers one NoSQL engine.

NEW QUESTION 82
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 84
If you want to learn about AWS architectural or security best practices, where will you find that type of information?
Choose the Correct Answer

A. AWS Yellow Pages
B. AWS Console Info Section
C. AWS White Papers
D. AWS Service Documentation

Answer: C

Explanation:
White papers are a collection of technical documents that outlines many AWS relevant topics.

NEW QUESTION 87
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 abov

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 92
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 93
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