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PRACTICE TEST VI

Attempt	2	Completed on	Tuesday , 29 January 2019 , 04:25 PM
Marks Obtained	0 / 60	Time Taken	00 H 00 M 25 S
Your score is	0.0%	Result	Fail

Domains / Topics wise Quiz Performance Report

S.No.	Topic	Total Questions	Correct	Incorrect	Unattempted
1	Other	60	0	1	59

60 Questions	0 Correct	1 Incorrect	59 Unattempted	Show Answers	All	▼
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QUESTION 1 INCORRECT

Your items are 12KB in size and you want to have 100 strongly consistent reads per second. How many read capacity units do you need to provision? Choose the correct answer from the options below

- ☒ A. 50 ✕
- ☐ B. 300 ✓
- ☐ C. 80
- ☐ D. 200

Explanation :

Answer – B

Since each item is 12KB and if we near it to the nearest 4KB , we get 3. Since we need 100 strongly consistent , it becomes $(100 \times 3) = 300$.

For more information on DynamoDB provisioned throughput please visit the below link:

- <http://docs.aws.amazon.com/amazondynamodb/latest/developerguide/HowItWorks.ProvisionedThroughput>.
(<http://docs.aws.amazon.com/amazondynamodb/latest/developerguide/HowItWorks.ProvisionedThroughput>.ht

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QUESTION 2 UNATTEMPTED

When using the Ref function in CloudFormation, what do we get back if we pass in the logical ID of an AWS::EC2::EIP object? Choose the correct answer from the options below

- ☒ A. The instance public IP ✓
- ☐ B. The AMI IP
- ☐ C. Nothing, the AWS::EC2::Instance is not a valid resource type
- ☐ D. All of the attributes associated with that EC2 instance resource

Explanation :

Answer – A

This is clearly given in the AWS documentation

Return Values

Ref

When you specify the logical ID of an AWS::EC2::EIP object as an argument to the `Ref` function, AWS CloudFormation returns the value of the instance's *PublicIp*.

For more information on the Cloudformation AWS::EC2::EIP command please visit the below link:

- <http://docs.aws.amazon.com/AWSCloudFormation/latest/UserGuide/aws-properties-ec2-eip.html> (<http://docs.aws.amazon.com/AWSCloudFormation/latest/UserGuide/aws-properties-ec2-eip.html>)

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QUESTION 3 UNATTEMPTED

What is the content delivery network service available in AWS? Choose one answer from the options below

- ☐ A. Autoscaling
- ☐ B. SNS
- ☒ C. Cloudfront ✓
- ☐ D. EC2

Explanation :

Answer - C

Amazon CloudFront is a global content delivery network (CDN) service that accelerates delivery of your websites, APIs, video content or other web assets. It integrates with other Amazon Web Services products to give developers and businesses an easy way to accelerate content to end users with no minimum usage commitments.

For more information on cloudfront please visit the below link:

- <https://aws.amazon.com/cloudfront/> (<https://aws.amazon.com/cloudfront/>)

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QUESTION 4 UNATTEMPTED

What is the notification service available in AWS? Choose one answer from the options below

- ☐ A. Autoscaling
- ☒ B. SNS ✓
- ☐ C. Cloudfront
- ☐ D. EC2

Explanation :

Answer - B

Amazon Simple Notification Service (Amazon SNS) is a fast, flexible, fully managed push notification service that lets you send individual messages or to fan-out messages to large numbers of recipients. Amazon SNS makes it simple and cost effective to send push notifications to mobile device users, email recipients or even send messages to other distributed services.

With Amazon SNS, you can send notifications to Apple, Google, Fire OS, and Windows devices, as well as to Android devices in China with Baidu Cloud Push. You can use SNS to send SMS messages to mobile device users worldwide.

For more information on SNS please visit the below link:

- <https://aws.amazon.com/sns/> (<https://aws.amazon.com/sns/>)

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QUESTION 5 UNATTEMPTED

What is the storage service available in AWS? Choose one answer from the options below

- ☒ A. S3 ✓
- ☐ B. SNS
- ☐ C. Cloudfront
- ☐ D. EC2

Explanation :

Answer - A

Amazon Simple Storage Service (Amazon S3) is storage for the Internet. You can use Amazon S3 to store and retrieve any amount of data at any time, from anywhere on the web. You can accomplish these tasks using the simple and intuitive web interface of the AWS Management Console.

For more information on S3 please visit the below link:

- <https://aws.amazon.com/documentation/s3/> (<https://aws.amazon.com/documentation/s3/>)

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QUESTION 6 UNATTEMPTED

What is the emailing service available in AWS? Choose one answer from the options below

- ☐ A. S3
- ☐ B. SNS
- ☐ C. Cloudfront
- ☒ D. SES ✓

Explanation :

Answer - D

Amazon Simple Email Service (Amazon SES) is a cost-effective email service built on the reliable and scalable infrastructure that Amazon.com developed to serve its own customer base. With Amazon SES, you can send and receive email with no required minimum commitments – you pay as you go, and you only pay for what you use.

For more information on SES please visit the below link:

- <https://aws.amazon.com/ses/> (<https://aws.amazon.com/ses/>)

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QUESTION 7 UNATTEMPTED

What is the load balancing service available in AWS? Choose one answer from the options below

- ☒ A. ELB ✓
- ☐ B. SNS
- ☐ C. Cloudfront
- ☐ D. SES

Explanation :

Answer - A

Elastic Load Balancing automatically distributes incoming application traffic across multiple Amazon EC2 instances. It enables you to achieve fault tolerance in your applications, seamlessly providing the required amount of load balancing capacity needed to route application traffic.

For more information on SES please visit the below link:

- https://aws.amazon.com/elasticloadbalancing/?nc2=h_m1
(https://aws.amazon.com/elasticloadbalancing/?nc2=h_m1)

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QUESTION 8 UNATTEMPTED

Which of the following bucket names are invalid? Choose 2 correct answer from the options below

- ☒ A. Example_com ✓
- ☐ B. example-com

- ☐ C. example.com
- ☐ D. example.com- ✓

Explanation :

Answer – A and D

Below are the naming conventions for S3 buckets

- The bucket name can be between 3 and 63 characters long, and can contain only lower-case characters, numbers, periods, and dashes.
- Each label in the bucket name must start with a lowercase letter or number.
- The bucket name cannot contain underscores, end with a dash, have consecutive periods, or use dashes adjacent to periods.
- The bucket name cannot be formatted as an IP address (198.51.100.24).

For more information on the S3 naming conventions please visit the below link:

- <http://docs.aws.amazon.com/awsccloudtrail/latest/userguide/cloudtrail-s3-bucket-naming-requirements.html> (<http://docs.aws.amazon.com/awsccloudtrail/latest/userguide/cloudtrail-s3-bucket-naming-requirements.html>)

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QUESTION 9 UNATTEMPTED

Does Cloudformation support Amazon Ec2 tagging?

- ☒ A. True ✓
- ☐ B. False

Explanation :

Answer - A

This is clearly given in the AWS documentation

Q: Does AWS CloudFormation support Amazon EC2 tagging?

Yes. Amazon EC2 resources that support the tagging feature can also be tagged in an AWS template. The tag values can refer to template parameters, other resource names, resource attribute values (e.g. addresses), or values computed by simple functions (e.g., a concatenated a list of strings).

AWS CloudFormation automatically tags Amazon EBS volumes and Amazon EC2 instances with the name of the AWS CloudFormation stack they are part of.

For more information on the cloudformation please visit the below link:

- <https://aws.amazon.com/cloudformation/faqs/>
(<https://aws.amazon.com/cloudformation/faqs/>)

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QUESTION 10

UNATTEMPTED

CloudFormation natively supports creation of which AWS resources?

Choose 3 answers from options below.

- ☐ A. Network ACL's ✓
- ☐ B. RouteTables ✓
- ☐ C. Metadata
- ☐ D. EC2 ✓

Explanation :

Answer – A,B and D

AWS CloudFormation introduces two concepts: 'The template', a JSON or YAML-format, text-based file that describes all the AWS resources you need to deploy to run your application and 'the stack', the set of AWS resources that are created and managed as a single unit when AWS CloudFormation instantiates a template.

CloudFormation supports a rich set of AWS resources. For up-to-date comprehensive list of supported AWS resources and their features, please visit 'Supported AWS Services' page of CloudFormation user guide at <http://docs.aws.amazon.com/AWSCloudFormation/latest/UserGuide/cfn-supported-resources.html> (<http://docs.aws.amazon.com/AWSCloudFormation/latest/UserGuide/cfn-supported-resources.html>)

On top of that, AWS CloudFormation custom resources enable management of additional AWS and non-AWS resources.

For further details, please visit

<http://docs.aws.amazon.com/AWSCloudFormation/latest/UserGuide/template-custom-resources.html> (<http://docs.aws.amazon.com/AWSCloudFormation/latest/UserGuide/template-custom-resources.html>)

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QUESTION 11

UNATTEMPTED

In Cloudformation what is the limit to the number of parameters in the template?

Choose an answer from the options below

- ☐ A. 10
- ☒ B. 60 ✓
- ☐ C. 100
- ☐ D. No Limit

Explanation :

Answer – B

This is clearly given in the AWS documentation

Q: Are there limits to the number of parameters or outputs in a template?

You can include up to 60 parameters and 60 outputs in a template.

For more information on the cloudformation please visit the below link:

- <https://aws.amazon.com/cloudformation/faqs/>
(<https://aws.amazon.com/cloudformation/faqs/>)

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QUESTION 12 UNATTEMPTED

What type of data can be stored in S3? Choose the correct answer from the options below

- ☐ A. Text data
- ☐ B. Video format
- ☐ C. MP4 format
- ☒ D. Virtually any type of data format ✓

Explanation :

Answer – D

This is clearly given in the AWS documentation

Q: What kind of data can I store?

You can store virtually any kind of data in any format. Please refer to the [Amazon Web Services Licensing Agreement](#) for details.

For more information on S3 please visit the below link:

- <https://aws.amazon.com/s3/faqs/> (<https://aws.amazon.com/s3/faqs/>)

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QUESTION 13 UNATTEMPTED

What are some of the advantages of using AWS SNS?

- ☐ A. Instantaneous, push-based delivery (no polling)
- ☐ B. Simple APIs and easy integration with applications
- ☐ C. Flexible message delivery over multiple transport protocols
- ☒ D. All of the above ✓

Explanation :

Answer – D

This is clearly given in the AWS documentation

Q: What are the benefits of using Amazon SNS?

Amazon SNS offers several benefits making it a versatile option for building and integrating loosely-coupled, distributed applications:

- Instantaneous, push-based delivery (no polling)
- Simple APIs and easy integration with applications
- Flexible message delivery over multiple transport protocols
- Inexpensive, pay-as-you-go model with no up-front costs
- Web-based AWS Management Console offers the simplicity of a point-and-click interface

For more information on SNS please visit the below link:

- <https://aws.amazon.com/sns/faqs/> (<https://aws.amazon.com/sns/faqs/>)

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QUESTION 14 UNATTEMPTED

While working with the S3 API you receive the error: 403 forbidden. What is the most likely cause of this? Choose a correct answer from the options below

- ☐ A. BucketAlreadyExists
- ☒ B. InvalidAccessKeyID ✓

- ☐ C. BadDigest
- ☐ D. NoSuchBucket

Explanation :

Answer – B

This is clearly mentioned in the AWS documentation

<code>InvalidAccessKeyId</code>	The AWS access key Id you provided does not exist in our records.	403 Forbidden	Client
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For more information on S3 error responses please visit the below link:

- <http://docs.aws.amazon.com/AmazonS3/latest/API/ErrorResponse.html>
(<http://docs.aws.amazon.com/AmazonS3/latest/API/ErrorResponse.html>)

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QUESTION 15 UNATTEMPTED

Can you have 10 local secondary indexes on a table? Choose a correct answer from the options below

- ☐ A. Yes
- ☒ B. No ✓

Explanation :

Answer – B

This is clearly mentioned in the AWS documentation

Q: How many local secondary indexes can I create on one table?

Each table can have up to five local secondary indexes.

For more information on DynamoDB please visit the below link:

- <https://aws.amazon.com/dynamodb/faqs/> (<https://aws.amazon.com/dynamodb/faqs/>)

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QUESTION 16 UNATTEMPTED

When using REST API with S3 what needs to set in the header request for encryption to occur for the object? Choose the correct answer from the options below

- ☐ A. x-amz-content-sha256
- ☒ B. x-amz-server-side-encryption ✓
- ☐ C. Content-MD5
- ☐ D. No header is needed

Explanation :

Answer – B

Server-side encryption is about protecting data at rest. Server-side encryption with Amazon S3-managed encryption keys (SSE-S3) employs strong multi-factor encryption. Amazon S3 encrypts each object with a unique key. As an additional safeguard, it encrypts the key itself with a master key that it regularly rotates. Amazon S3 server-side encryption uses one of the strongest block ciphers available, 256-bit Advanced Encryption Standard (AES-256), to encrypt your data.

Amazon S3 supports bucket policies that you can use if you require server-side encryption for all objects that are stored in your bucket.

For this you need to set the header as x-amz-server-side-encryption in the REST API call.

For more information on S3 server side encryption, please refer to the below URL:

- <http://docs.aws.amazon.com/AmazonS3/latest/dev/UsingServerSideEncryption.html>
(<http://docs.aws.amazon.com/AmazonS3/latest/dev/UsingServerSideEncryption.html>)

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QUESTION 17 UNATTEMPTED

For which of these languages/platforms does AWS provide an SDK? Choose 3 correct answer from the options below

- ☐ A. Rextx
- ☐ B. Mobile SDK ✓
- ☐ C. Go ✓
- ☐ D. Python ✓

Explanation :

Answer – B,C and D

This is as per the AWS documentation

Java

[Install »](#)

[Documentation »](#)

[Learn more »](#)

.NET

[Install »](#)

[Documentation »](#)

[Learn more »](#)

Node.js

[Install »](#)

[Documentation »](#)

[Learn more »](#)

PHP

[Install »](#)

[Documentation »](#)

[Learn more »](#)

Python

[Install »](#)

[Documentation »](#)

[Learn more »](#)

Ruby

[Install »](#)

[Documentation »](#)

[Learn more »](#)

Go

[Install »](#)

[Documentation »](#)

C++

[Install »](#)

[Documentation »](#)

AWS Mobile SDK

[Install »](#)

[Documentation »](#)

For more information on AWS toolkits available, please refer to the below URL:

- <https://aws.amazon.com/tools/> (<https://aws.amazon.com/tools/>)

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QUESTION 18

UNATTEMPTED

Can S3 bucket names be formatted as an IP Address?

- ☐ A. True
- ☒ B. False ✓

Explanation :

Answer – B

Following is the naming convention for S3. There is no rule mentioned that the names should have all combinations.

- Bucket names must be at least 3 and no more than 63 characters long.
- Bucket names must be a series of one or more labels. Adjacent labels are separated by a single period (.). Bucket names can contain lowercase letters, numbers, and hyphens. Each label must start and end with a lowercase letter or a number.
- Bucket names must not be formatted as an IP address (e.g., 192.168.5.4).
- When using virtual hosted-style buckets with SSL, the SSL wildcard certificate only matches buckets that do not contain periods. To work around this, use HTTP or write your own certificate verification logic. We recommend that you do not use periods (".") in bucket names.

For more information on S3 naming convention please refer to the below URL:

- <http://docs.aws.amazon.com/AmazonS3/latest/dev/BucketRestrictions.html>
(<http://docs.aws.amazon.com/AmazonS3/latest/dev/BucketRestrictions.html>)

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QUESTION 19 UNATTEMPTED

What is the largest size of an object which can be uploaded by a PUT request in S3?
Choose the correct answer from the options below

- ☒ A. 5 GB ✓
- ☐ B. 1 TB
- ☐ C. 100 MB
- ☐ D. 1 GB

Explanation :

Answer – A

This is clearly mentioned in the AWS documentation

The total volume of data and number of objects you can store are unlimited. Individual Amazon S3 objects can range in size from a minimum of 0 bytes to a maximum of 5 terabytes. The largest object that can be uploaded in a single PUT is 5 gigabytes. For objects larger than 100 megabytes, customers should consider using the [Multipart Upload](#) capability.

For more information on S3 please refer to the below URL:

- <https://aws.amazon.com/s3/faqs/> (<https://aws.amazon.com/s3/faqs/>)

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QUESTION 20 UNATTEMPTED

If your table item's size is 6KB and you want to have 90 strongly consistent reads per second, how many read capacity units will you need to provision on the table?
Choose the correct answer from the options below

- ☒ A. 180 ✓
- ☐ B. 90
- ☐ C. 10
- ☐ D. 19

Explanation :

Answer – A

When we round off the item size to 4KB, we get 2 read per item. Since there are 90 requests , it means $90 \times 2 = 180$ reads per seconds.

For more information on provisioned throughput, please refer to the below URL:

- <http://docs.aws.amazon.com/amazondynamodb/latest/developerguide/HowItWorks.ProvisionedThroughput>.
(<http://docs.aws.amazon.com/amazondynamodb/latest/developerguide/HowItWorks.ProvisionedThroughput>.ht

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QUESTION 21 UNATTEMPTED

When you set up a static web site in S3 what are the most important steps to carry out? Choose 3 correct answer from the options below

- ☐ A. Upload an index document to your S3 bucket ✓
- ☐ B. Select the "Make Public" permission for your bucket's objects ✓
- ☐ C. Create an Alias record in Route 53
- ☐ D. Enable static website hosting in your S3 bucket properties ✓

Explanation :

Answer – A, B and D

When you go to S3, make sure that static website hosting is enabled. Also upload the index.html document, make sure it is Public and also ensure that it is put as the Index document.

▼ Static Website Hosting

You can host your [static website](#) entirely on Amazon S3. Once you enable your bucket for static website hosting, all your content is accessible to web browsers via the Amazon S3 website endpoint for your bucket.

Endpoint: unique-bucket-1021.s3-website-ap-southeast-1.amazonaws.com

Each bucket serves a website namespace (e.g. "www.example.com"). Requests for your host name (e.g. "example.com" or "www.example.com") can be routed to the contents in your bucket. You can also redirect request to another host name (e.g. redirect "example.com" to "www.example.com"). See our [walkthrough](#) for how to set up an Amazon S3 static website with your host name.

☐ Do not enable website hosting

☒ Enable website hosting

Index Document:

Error Document:

▶ Edit Redirection Rules: You can set custom rules to automatically redirect web page requests for specific content.

For more information on all S3 web site hosting please refer to the below URL:

- <http://docs.aws.amazon.com/AmazonS3/latest/dev/WebsiteHosting.html>
(<http://docs.aws.amazon.com/AmazonS3/latest/dev/WebsiteHosting.html>)

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QUESTION 22 UNATTEMPTED

Which feature of DynamoDB provides a time-ordered sequence of item-level changes made to data? Choose an correct answer from the options below

- ☒ A. DynamoDB Streams ✓
- ☐ B. DynamoDB tables
- ☐ C. DynamoDB Indexes
- ☐ D. DynamoDB views

Explanation :

Answer – A

This is clearly given in the AWS documentation

Introducing DynamoDB Streams

Posted On: Nov 10, 2014

DynamoDB Streams provides a time ordered sequence of item level changes in any DynamoDB table. The changes are de-duplicated and stored for 24 hours. This capability enables you to extend the power of DynamoDB with cross-region replication, continuous analytics with Redshift integration, change notifications, and many other scenarios.

DynamoDB Streams is currently available in Preview, and you can sign up [here](#). Alternatively, you can try using DynamoDB Streams with DynamoDB Local today. You can read more about DynamoDB Streams [by reading our documentation](#).

For more information on DynamoDB please refer to the below URL:

- <https://aws.amazon.com/about-aws/whats-new/2014/11/10/introducing-dynamodb-streams/>
(<https://aws.amazon.com/about-aws/whats-new/2014/11/10/introducing-dynamodb-streams/>)

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QUESTION 23 UNATTEMPTED

What are the different types of storage classes in S3?

Choose 2 answers from the options below

- ☐ A. RRS ✓
- ☐ B. RDS
- ☐ C. SES
- ☐ D. Glacier ✓

Explanation :

Answer – A and D

Option B is relational database which is wrong.

Option C is wrong which is Simple Email service.

This is clearly given in the AWS documentation

Q: What storage classes does Amazon S3 offer?

Amazon S3 offers a range of storage classes designed for different use cases. There are three highly durable storage classes including Amazon S3 Standard for general-purpose storage of frequently accessed data, Amazon S3 Standard - Infrequent Access for long-lived, but less frequently accessed data, and Amazon Glacier for long-term archive. You can learn more about those three storage classes on the [Amazon S3 Storage Classes page](#).

Reduced Redundancy Storage (RRS) is an Amazon S3 storage option that enables customers to reduce their costs by storing noncritical, reproducible data at lower levels of redundancy than Amazon S3's standard storage. You can learn more about Reduced Redundancy Storage on the [Reduced Redundancy detail page](#).

For more information on S3 please visit the below link:

- <https://aws.amazon.com/s3/faqs/> (<https://aws.amazon.com/s3/faqs/>)

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QUESTION 24

UNATTEMPTED

DynamoDB supports complex relational queries. Choose an correct answer from the options below

- ☐ A. True
- ☒ B. False ✓

Explanation :

Answer – B

This is given in the AWS documentation

While Amazon DynamoDB tackles the core problems of database scalability, management, performance, and reliability, it does not have all the functionality of a relational database. It does not support complex relational queries (e.g. joins) or complex transactions. If your workload requires this functionality, or you are looking for compatibility with an existing relational engine, you may wish to run a relational engine on Amazon RDS or Amazon EC2. While relational database engines provide robust features and functionality, scaling a workload beyond a single relational database instance is highly complex and requires significant time and expertise. As such, if you anticipate scaling requirements for your new application and do not need relational features, Amazon DynamoDB may be the best choice for you.

For more information on dynamoDB please refer to the below URL:

- <https://aws.amazon.com/dynamodb/faqs/> (<https://aws.amazon.com/dynamodb/faqs/>)

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QUESTION 25

UNATTEMPTED

A benefit of multi-part upload is that you can have quick recovery from any network issues. Choose the correct answer from the options below

- ☒ A. True ✓
- ☐ B. False

Explanation :

Answer – A

This is clearly given in the AWS documentation

Using multipart upload provides the following advantages:

- **Improved throughput**—You can upload parts in parallel to improve throughput.
- **Quick recovery from any network issues**—Smaller part size minimizes the impact of restarting a failed upload due to a network error.
- **Pause and resume object uploads**—You can upload object parts over time. Once you initiate a multipart upload there is no expiry; you must explicitly complete or abort the multipart upload.
- **Begin an upload before you know the final object size**—You can upload an object as you are creating it.

For more information on S3 multi-part upload please refer to the below URL:

- <http://docs.aws.amazon.com/AmazonS3/latest/dev/mpuoverview.html>
(<http://docs.aws.amazon.com/AmazonS3/latest/dev/mpuoverview.html>)

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QUESTION 26

UNATTEMPTED

You want 10 strongly consistent 4KB reads per second. How many units of throughput capacity do you need to provision? Choose the correct answer from the options below

- ☒ A. 10 ✓
- ☐ B. 9
- ☐ C. 5
- ☐ D. 4

Explanation :

Answer – A

When the item size 4kb, Since there are 10 requests($10 \times 4 = 40\text{kb}$), it means 10 (40/4) reads per seconds.

For more information on provisioned throughput, please refer to the below URL:

- <http://docs.aws.amazon.com/amazondynamodb/latest/developerguide/HowItWorks.ProvisionedThroughput.html>
([http://docs.aws.amazon.com/amazondynamodb/latest/developerguide/HowItWorks.ProvisionedThroughput.ht](http://docs.aws.amazon.com/amazondynamodb/latest/developerguide/HowItWorks.ProvisionedThroughput.html)

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QUESTION 27

UNATTEMPTED

Is there a limit to the size of a table in DynamoDB?. Choose the correct answer from the options below

- ☐ A. True
- ☒ B. False ✓

Explanation :

Answer – B

This is clearly mentioned in the AWS documentation

Tables

Table Size

There is no practical limit on a table's size. Tables are unconstrained in terms of the number of items or the number of bytes.

Tables Per Account

For any AWS account, there is an initial limit of 256 tables per region.

You can request an increase on this limit. For more information, go to <https://aws.amazon.com/support>.

For more information on DynamoDB limits, please refer to the below URL:

- <http://docs.aws.amazon.com/amazondynamodb/latest/developerguide/Limits.html>
(<http://docs.aws.amazon.com/amazondynamodb/latest/developerguide/Limits.html>)

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QUESTION 28 UNATTEMPTED

Which of the following is NOT a S3 REST API operation?

- ☐ A. Put Object
- ☐ B. Upload Part
- ☒ C. Write Object ✓
- ☐ D. Get Bucket

Explanation :

Answer – C

There is no REST API operation Write Object in S3.

For more information on S3 REST API, please refer to the below URL:

<http://docs.aws.amazon.com/AmazonS3/latest/API/Welcome.html>
(<http://docs.aws.amazon.com/AmazonS3/latest/API/Welcome.html>)

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QUESTION 29 UNATTEMPTED

A security system monitors 3000 cameras saving image metadata every 30 seconds to an Amazon DynamoDB. Each sample involves writing 256 bytes of data and the writes are evenly distributed over time.

How much write throughput is required for the target table. Choose an answer from the options below

- ☐ A. 30 write capacity unit
- ☒ B. 100 write capacity unit ✓
- ☐ C. 600 write capacity unit
- ☐ D. 300 write capacity unit

Explanation :

Answer – B

When we round off the item size to 1KB, we get 1 write per item. Since there are 3000 cameras saving data every 30 seconds, means that there are 3000 writes per 30 seconds and $(3000/30) = 100$ writes per second.

For more information on provisioned throughput, please refer to the below URL:

- <http://docs.aws.amazon.com/amazondynamodb/latest/developerguide/HowItWorks.ProvisionedThroughput>.
(<http://docs.aws.amazon.com/amazondynamodb/latest/developerguide/HowItWorks.ProvisionedThroughput>.ht

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QUESTION 30 UNATTEMPTED

Which RDS are supported as AWS services?

Choose 2 answers from the options below

- ☐ A. DB2
- ☒ B. Oracle ✓
- ☐ C. MongoDB
- ☒ D. mySQL ✓

Explanation :

Answer – B and D

Amazon Relational Database Service (Amazon RDS) makes it easy to set up, operate, and scale a relational database (<https://aws.amazon.com/relational-database/>) in the cloud. It provides cost-efficient and resizable capacity while managing time-consuming database administration tasks, freeing you up to focus on your applications and business. Amazon RDS provides you six familiar database engines to choose from, including Amazon Aurora (<https://aws.amazon.com/rds/aurora/>), PostgreSQL (<https://aws.amazon.com/rds/postgresql/>), MySQL (<https://aws.amazon.com/rds/mysql/>), MariaDB (<https://aws.amazon.com/rds/mariadb/>), Oracle (<https://aws.amazon.com/rds/oracle/>), and Microsoft SQL Server (<https://aws.amazon.com/rds/sqlserver/>).

For more information on RDS, please refer to the below URL:

- <https://aws.amazon.com/rds/> (<https://aws.amazon.com/rds/>)

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QUESTION 31 UNATTEMPTED

Which of the following AWS services is used to launch virtual servers? Choose an answer from the options below

- ☐ A. AWS IAM
- ☐ B. Amazon Cloudwatch
- ☒ C. Amazon EC2 ✓
- ☐ D. AWS Cloudtrail

Explanation :

Answer – C

Amazon Elastic Compute Cloud (Amazon EC2) is a web service that provides secure, resizable compute capacity in the cloud. It is designed to make web-scale cloud computing easier for developers.

For more information on AWS EC2, please refer to the below URL:

- <https://aws.amazon.com/ec2/> (<https://aws.amazon.com/ec2/>)

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QUESTION 32 UNATTEMPTED

Which of the following AWS services provides a managed NoSQL database? Choose an answer from the options below

- ☒ A. AWS DynamoDB ✓
- ☐ B. Amazon Cloudwatch
- ☐ C. Amazon EC2
- ☐ D. AWS Cloudrail

Explanation :

Answer – A

Amazon DynamoDB is a fast and flexible NoSQL database (<https://aws.amazon.com/nosql/>) service for all applications that need consistent, single-digit millisecond latency at any scale. It is a fully managed cloud database and supports both document and key-value store models. Its flexible data model and reliable performance make it a great fit for mobile, web, gaming, ad tech, IoT, and many other applications

For more information on AWS dynamoDB, please refer to the below URL:

- <https://aws.amazon.com/dynamodb/> (<https://aws.amazon.com/dynamodb/>)

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QUESTION 33 UNATTEMPTED

What HTTP response code indicates that an AWS REST API call resulted in a redirection? Choose an answer from the options below

- ☒ A. 300 ✓
- ☐ B. 200
- ☐ C. 404
- ☐ D. 0
- ☐ E. 201

Explanation :

Answer – A

This class of status code indicates that further action needs to be taken by the user agent in order to fulfill the request.

For more information on HTTP codes, please refer to the below URL:

- <https://www.w3.org/Protocols/rfc2616/rfc2616-sec10.html>
(<https://www.w3.org/Protocols/rfc2616/rfc2616-sec10.html>)

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QUESTION 34

UNATTEMPTED

Is data in S3 stored as simple key value based objects?

- ☐ A. True ✓
- ☐ B. False

Explanation :

Answer – A

This is clearly given in the AWS documentation

Q: How is Amazon S3 data organized?

Amazon S3 is a simple key-based object store. When you store data, you assign a unique object key that can later be used to retrieve the data. Keys can be any string, and can be constructed to mimic hierarchical attributes.

For more information on S3 please visit the below link:

- <https://aws.amazon.com/s3/faqs/> (<https://aws.amazon.com/s3/faqs/>)

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QUESTION 35

UNATTEMPTED

Your IT Project Manager wants you to perform a penetration testing on your AWS environment? What needs to be considered when performing penetration testing in AWS? Choose an answer from the options below

- ☐ A. Penetration testing is never allowed
- ☐ B. AWS automatically performs penetration testing
- ☐ C. A customer can perform penetration testing at any time
- ☐ D. A customer should request permission from AWS before performing perform penetration testing ✓

Explanation :

Answer – D

This is clearly mentioned in the AWS documentation

Requesting Permission

Please complete and submit the [AWS Vulnerability / Penetration Testing Request Form](#) to request authorization for penetration testing to or originating from any AWS resources. There are several important things to note about penetration testing requests:

- **Permission is required for all penetration tests.**
- **To request permission, you must be logged into the AWS portal** using the root credentials associated with the instances you wish to test, otherwise the form will not pre-populate correctly. If you have hired a third party to conduct your testing, we suggest that you complete the form and then notify your third party when we grant approval.
- **Our policy only permits testing of EC2 and RDS instances that you own. Tests against any other AWS services or AWS-owned resources are prohibited**

For more information on penetration testing using AWS, please refer to the below URL:

- <https://aws.amazon.com/security/penetration-testing/>
(<https://aws.amazon.com/security/penetration-testing/>)

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QUESTION 36

UNATTEMPTED

In IAM what is the representation of a person or service. Choose an answer from the options below

- ☒ A. User ✓
- ☐ B. Group
- ☐ C. Team
- ☐ D. Role

Explanation :

Answer – A

An IAM *user* (http://docs.aws.amazon.com/IAM/latest/UserGuide/id_users.html) is an entity that you create in AWS. The IAM user represents the person or service who uses the IAM user to interact with AWS

An IAM *group* (http://docs.aws.amazon.com/IAM/latest/UserGuide/id_groups.html) is a collection of IAM users. You can use groups to specify permissions for a collection of users, which can make those permissions easier to manage for those users

An IAM *role* (http://docs.aws.amazon.com/IAM/latest/UserGuide/id_roles.html) is very similar to a user, in that it is an identity with permission policies that determine what the identity can and cannot do in AWS

For more information on IAM entities, please visit the URL:

- <http://docs.aws.amazon.com/IAM/latest/UserGuide/id.html>
(<http://docs.aws.amazon.com/IAM/latest/UserGuide/id.html>)

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QUESTION 37 UNATTEMPTED

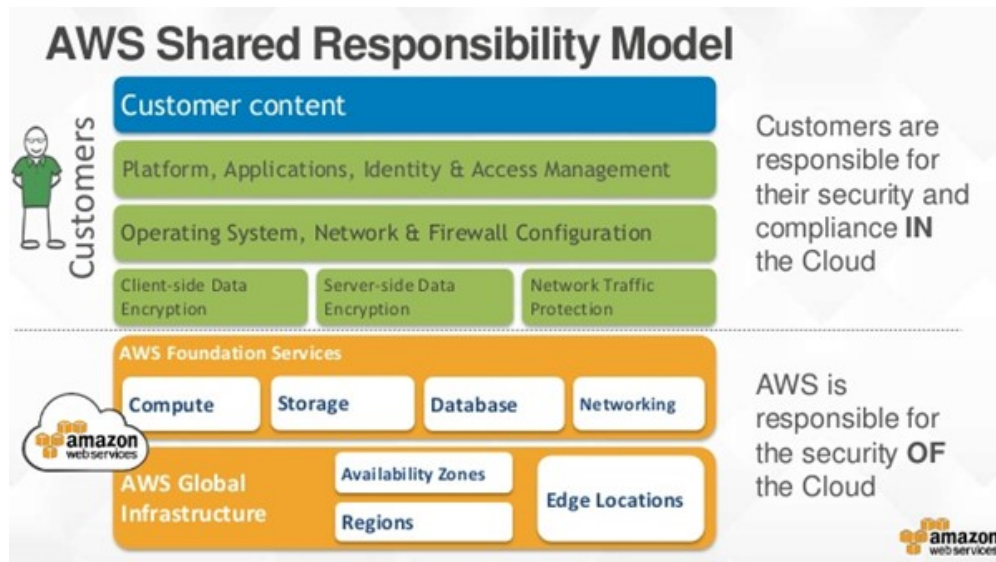
Which of the following are the responsibility of the customer. Choose 2 answers from the options below

- ☐ A. Virtualization Infrastructure
- ☐ B. Managing security groups ✓
- ☐ C. Physical security of AWS data centers
- ☐ D. Patching the OS on the running EC2 instance ✓

Explanation :

Answer – B and D

Please find the shared responsibility model as shared by AWS



Ask our Experts



QUESTION 38 UNATTEMPTED

Which of the following are invalid sections in AWS Cloudformation template. Choose

2 answers from the options below

- ☐ A. Parameters
- ☐ B. Services ✓
- ☐ C. Outputs
- ☐ D. Declarations ✓
- ☐ E. Resources

Explanation :

Answer – B and D

The valid parts of the cloudformation template are

Parameters - Specifies values that you can pass in to your template at runtime (when you create or update a stack). You can refer to parameters in the Resources and Outputs sections of the template.

Outputs - Describes the values that are returned whenever you view your stack's properties. For example, you can declare an output for an Amazon S3 bucket name and then call the AWS cloudformation describe-stacks AWS CLI command to view the name.

Resources - Specifies the stack resources and their properties, such as an Amazon Elastic Compute Cloud instance or an Amazon Simple Storage Service bucket. You can refer to resources in the Resources and Outputs sections of the template.

For more information on Cloudformation templates , please visit the URL:

- <http://docs.aws.amazon.com/AWSCloudFormation/latest/UserGuide/template-anatomy.html>
(<http://docs.aws.amazon.com/AWSCloudFormation/latest/UserGuide/template-anatomy.html>)

Ask our Experts



QUESTION 39

UNATTEMPTED

In SWF what helps in developing Amazon SWF based applications. Choose an answer from the options below.

- ☐ A. Workers
- ☐ B. Deciders
- ☐ C. Flow Framework ✓
- ☐ D. Workflow starter

Explanation :

Answer – C

AWS Flow Framework is a programming framework that enables you to develop Amazon SWF-based applications quickly and easily. It abstracts the details of task-level coordination and asynchronous interaction with simple programming constructs. Coordinating workflows in Amazon SWF involves initiating remote actions that take variable times to complete (e.g. activity tasks) and implementing the dependencies between them correctly.

For more information on SWF , please visit the URL:

- <https://aws.amazon.com/swf/faqs/> (<https://aws.amazon.com/swf/faqs/>)

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QUESTION 40

UNATTEMPTED

Can SWF workers run behind a firewall?

- ☐ A. True ✓
- ☐ B. False

Explanation :

Answer – A

This is clearly given in the AWS documentation

Q: Can I run my workers behind a firewall?

Yes. Workers use standard HTTP GET requests to ask Amazon SWF for tasks and to return the computed results. Since workers always initiate requests to Amazon SWF, you do not have to configure your firewall to allow inbound requests.

For more information on SWF , please visit the URL:

- <https://aws.amazon.com/swf/faqs/> (<https://aws.amazon.com/swf/faqs/>)

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QUESTION 41

UNATTEMPTED

In SWF what is the maximum number of open activity tasks ? Choose an answer from the options below

- ☐ A. 10
- ☐ B. 100
- ☐ C. 1000 ✓
- ☐ D. No limit

Explanation :

Answer – C

Please check the AWS documentation provided below

Q: How many worker tasks, signals, and markers can I have in a workflow execution and across executions?

There is no limit on the total number of activity tasks, signals, and timers used during a workflow execution. However at this time, you can only have a maximum of 1,000 open activity tasks per workflow execution. This includes activity tasks that have been initiated and activity tasks that are being processed by workers. Similarly there can be up to 1,000 open timers per workflow execution and up to 1,000 open child executions per workflow execution.

For more information on SWF , please visit the URL:

- <https://aws.amazon.com/swf/faqs/> (<https://aws.amazon.com/swf/faqs/>)

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QUESTION 42 UNATTEMPTED

Can SWF workflows be managed across availability zones?

- ☐ A. True ✓
- ☐ B. False

Explanation :

Answer – A

This is clearly given in the AWS documentation

Q: Is Amazon SWF available across availability zones?

Yes, Amazon SWF manages your workflow execution history and other details of your workflows across 3 availability zones so that your applications can continue to rely on Amazon SWF even if there are failures in one availability zone.

For more information on SWF , please visit the URL:

- <https://aws.amazon.com/swf/faqs/> (<https://aws.amazon.com/swf/faqs/>)

Ask our Experts



QUESTION 43 UNATTEMPTED

Can you have the same bucket names in 2 regions in AWS?

- ☐ A. True
- ☐ B. False ✓

Explanation :

Answer – B

Bucket names have to be unique across all regions. Let's say you have created a bucket named devtoolslogging in the Singapore region.

Create a Bucket - Select a Bucket Name and Region

Cancel

A bucket is a container for objects stored in Amazon S3. When creating a bucket, you can choose a Region to optimize for latency, minimize costs, or address regulatory requirements. For more information regarding bucket naming conventions, please visit the [Amazon S3 documentation](#).

Bucket Name:

Region:

[Set Up Logging >](#) [Create](#) [Cancel](#)

Now if you want to create a bucket of the same name in the Oregon region, you will get an error that the bucket already exists.

Create a Bucket - Select a Bucket Name and Region

Cancel

That bucket already exists, you own it!

A bucket is a container for objects stored in Amazon S3. When creating a bucket, you can choose a Region to optimize for latency, minimize costs, or address regulatory requirements. For more information regarding bucket naming conventions, please visit the [Amazon S3 documentation](#).

Bucket Name:

Region:

[Set Up Logging >](#) [Create](#) [Cancel](#)

For more information on S3 buckets, please visit the link:

- <http://docs.aws.amazon.com/AmazonS3/latest/dev/UsingBucket.html>
(<http://docs.aws.amazon.com/AmazonS3/latest/dev/UsingBucket.html>)

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QUESTION 44

UNATTEMPTED

A customer has enabled website hosting on a bucket named "company" in the

Singapore region. What website URL is assigned to your bucket?

- ☒ A. company.s3-website-ap-southeast-1.amazonaws.com ✓
- ☐ B. s3-website.company.amazonaws.com
- ☐ C. s3-website.company.website-ap-southeast-1.amazonaws.com
- ☐ D. company.ap-southeast-1.amazonaws.com

Explanation :

Answer – A

You have the chance to enable static web site hosting for S3 buckets. This can be done via the properties option for the bucket. The end point of the bucket for static hosting will also be configured.

► Permissions

▼ Static Website Hosting

You can [host your static website](#) entirely on Amazon S3. Once you enable your bucket for static website hosting, all your content is accessible to web browsers via the Amazon S3 website endpoint for your bucket.

Endpoint: [devtoolslogging.s3-website-ap-southeast-1.amazonaws.com](#)

Each bucket serves a website namespace (e.g. "www.example.com"). Requests for your host name (e.g. "example.com" or "www.example.com") can be routed to the contents in your bucket. You can also redirect requests to another host name (e.g. redirect "example.com" to "www.example.com"). See our [walkthrough](#) for how to set up an Amazon S3 static website with your host name.

For more information on S3 buckets, please visit the link:

- <http://docs.aws.amazon.com/AmazonS3/latest/dev/UsingBucket.html>
(<http://docs.aws.amazon.com/AmazonS3/latest/dev/UsingBucket.html>)

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QUESTION 45 UNATTEMPTED

How can you ensure maximum protection of preserved versions in S3? Choose one answer from the options below.

- ☐ A. Versioning
- ☐ B. Encryption
- ☒ C. MFA Delete ✓
- ☐ D. None of the above

Explanation :

Answer – C

This is clearly given in the AWS documentation

Q: How can I ensure maximum protection of my preserved versions?

Versioning's MFA Delete capability, which uses [multi-factor authentication](#), can be used to provide an additional layer of security. By default, all requests to your Amazon S3 bucket require your AWS account credentials. If you enable Versioning with MFA Delete on your Amazon S3 bucket, two forms of authentication are required to permanently delete a version of an object: your AWS account credentials and a valid six-digit code and serial number from an authentication device in your physical possession. To learn more about enabling Versioning with MFA Delete, including how to purchase and activate an authentication device, please refer to the [Amazon S3 Technical Documentation](#).

For more information on S3 please visit the below link:

- <https://aws.amazon.com/s3/faqs/> (<https://aws.amazon.com/s3/faqs/>)

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QUESTION 46

UNATTEMPTED

In AWS, which security aspects are is AWS responsibility? Choose 2 answers from the options below

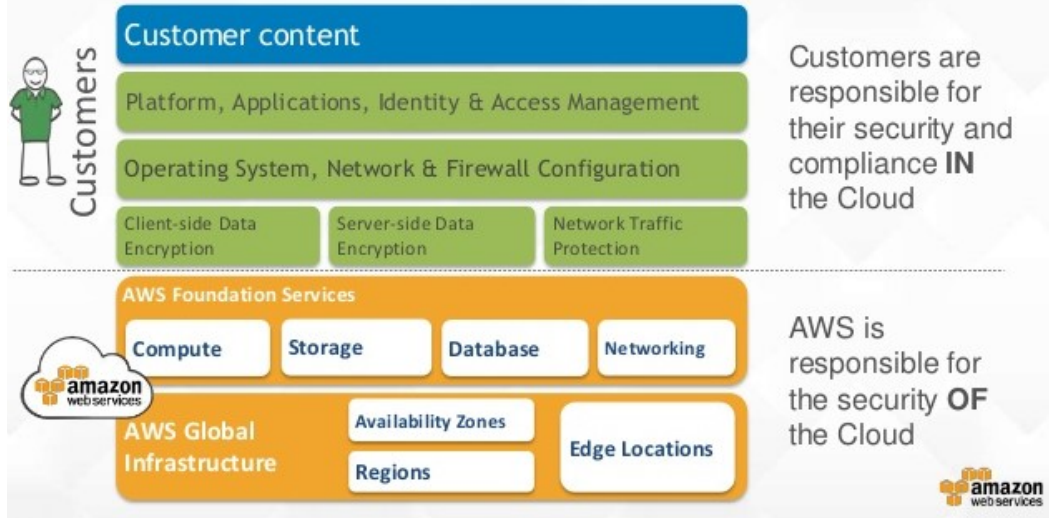
- ☐ A. Security Group and ACL (Access Control List) settings
- ☐ B. Decommissioning storage devices ✓
- ☐ C. Patch management on the EC2 instance's operating system
- ☐ D. Life-cycle management of IAM credentials
- ☐ E. Controlling physical access to compute resources ✓
- ☐ F. Encryption of EBS (Elastic Block Storage) volumes

Explanation :

Answer – B and E.

Please find the shared responsibility model as shared by AWS

AWS Shared Responsibility Model



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QUESTION 47

UNATTEMPTED

What are the different services provided by AWS. Choose all that apply

- ☐ A. SES ✓
- ☐ B. SNS ✓
- ☐ C. Route53 ✓
- ☐ D. Sharepoint

Explanation :

Answer – A,B and C.

To see the entire list of services, go to the Products section on AWS URL:

- <https://aws.amazon.com/products/> (<https://aws.amazon.com/products/>)

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QUESTION 48

UNATTEMPTED

Which of the following notification endpoints or clients are supported by Amazon

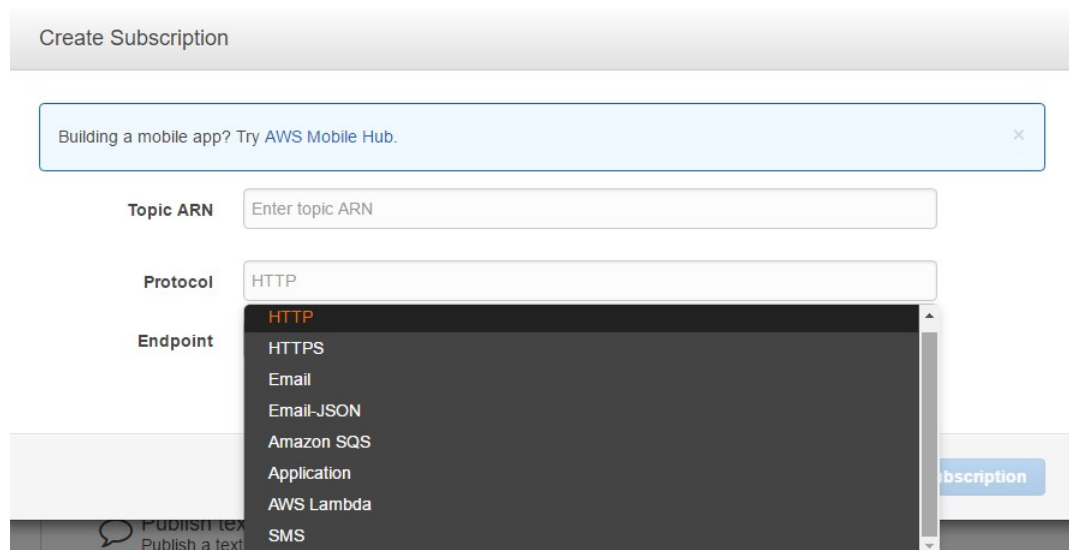
Simple Notification Service? Choose 4 answers from the options below.

- ☒ A. Email ✓
- ☒ B. HTTPS ✓
- ☒ C. SQS ✓
- ☒ D. Short Message Service ✓
- ☐ E. Simple Network Management Protocol

Explanation :

Answer – A, B,C and D

When you create a subscription in SNS , below are the protocols available.



For more information on AWS SNS, please visit the link:

- <https://aws.amazon.com/sns/> (<https://aws.amazon.com/sns/>)

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QUESTION 49

UNATTEMPTED

You have been requested to ensure that for your application all data in EBS is secured at rest. How can you achieve this? Choose an answer from the options below

- ☐ A. Write the data randomly instead of sequentially.
- ☒ B. Use an encrypted file system on top of the EBS volume. ✓

- ☐ C. Encrypt the volume using the S3 server-side encryption service.
- ☐ D. Create an IAM policy that restricts read and write access to the volume.
- ☐ E. Attach the volume to an instance using EC2's SSL interface.

Explanation :

Answer – B

EBS encryption can be enabled during the creation of an EBS volume. For an existing EBS volume , you need to use the encryption available at the Operating system level.

URL:

- <http://docs.aws.amazon.com/AWSEC2/latest/UserGuide/EBSEncryption.html>
(<http://docs.aws.amazon.com/AWSEC2/latest/UserGuide/EBSEncryption.html>)

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QUESTION 50 UNATTEMPTED

Which of the following is an example of a good DynamoDB hash key schema for provisioned throughput efficiency? Choose an answer from the options below

- ☐ A. Employee ID, where the application has many different employees. ✓
- ☐ B. Employee Status where most status codes are the same
- ☐ C. Service ID, where there are few service Id's.
- ☐ D. Company ID, where there are 2 companies

Explanation :

Answer – A

Always have the primary key or hash key for those attributes which will have many values. And only option A fits that requirement.

For more information on DynamoDB tables , please visit the URL:

- <http://docs.aws.amazon.com/amazondynamodb/latest/developerguide/WorkingWithTables.html>
(<http://docs.aws.amazon.com/amazondynamodb/latest/developerguide/WorkingWithTables.html>)

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QUESTION 51 UNATTEMPTED

Which of the following are valid arguments for an SNS Publish request? Choose 3 answers from the options below

- ☐ A. Subject ✓
- ☐ B. Language
- ☐ C. Message ✓
- ☐ D. Destination
- ☐ E. Timestamp ✓
- ☐ F. Format

Explanation :

Answer - A,C and E

```
POST / HTTP/1.1
x-amz-sns-message-type: Notification
x-amz-sns-message-id: 22b80b92-fdea-4c2c-8f9d-bdfb0c7bf324
x-amz-sns-topic-arn: arn:aws:sns:us-west-2:123456789012:MyTopic
x-amz-sns-subscription-arn: arn:aws:sns:us-west-2:123456789012:MyTopic:c9135db0-26c4-47e
Content-Length: 773
Content-Type: text/plain; charset=UTF-8
Host: myhost.example.com
Connection: Keep-Alive
User-Agent: Amazon Simple Notification Service Agent

{
  "Type" : "Notification",
  "MessageId" : "22b80b92-fdea-4c2c-8f9d-bdfb0c7bf324",
  "TopicArn" : "arn:aws:sns:us-west-2:123456789012:MyTopic",
  "Subject" : "My First Message",
  "Message" : "Hello world!",
  "Timestamp" : "2012-05-02T00:54:06.655Z",
  "SignatureVersion" : "1",
  "Signature" : "EXAMPLEw6JRNvm1LFQL4ICB0bnXrdB8C1RMTQFGBqwLpGbm78tJ4etTwC5zU703tS6tGpey",
  "SigningCertURL" : "https://sns.us-west-2.amazonaws.com/SimpleNotificationService-f3ec",
  "UnsubscribeURL" : "https://sns.us-west-2.amazonaws.com/?Action=Unsubscribe&Subscription"
}
```

An example of the notification is shown below , here you can see the different parts of a SNS message.

Sample Request

```
The following example publishes a different messages to each protocol:
http://sns.us-east-1.amazonaws.com/?Subject=My%20first%20message
&TopicArn=arn:aws:sns:us-east-1:3A698519295917%3A%20Topic
&Message=Hello%20world%21&Action=Publish&SignatureVersion=2
&SignatureMethod=HmacSHA256&Timestamp=2010-03-31T12:34:00.000Z
&AWSAccessKeyId=AKIAIOSFODNN7EXAMPLE
&Signature=9GZysQ4jpnz%28HKlqM7VFTVcR2LIutn6jW47054xxE%3D Use the following JSON
object format for the Message parameter to send different messages to each protocol
(linebreaks added for readability): { "default" : "some message", "email" : "some email
message", "email-json" : "some email-json message", "http" : "some http message", "https" :
"some https message", "sqs" : "some sqs message" }
```

For more information on SNS request notification format, please refer to the link:

- https://docs.aws.amazon.com/sns/latest/api/API_Publish.html
(https://docs.aws.amazon.com/sns/latest/api/API_Publish.html)

For more information on SNS notification format, please refer to the link:

- <http://docs.aws.amazon.com/sns/latest/dg/json-formats.htm>
(<http://docs.aws.amazon.com/sns/latest/dg/json-formats.html>)

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QUESTION 52 UNATTEMPTED

What are the supported protocols for AWS ELB. Choose 2 answers from the options below.

- ☐ A. HTTP ✓
- ☐ B. XML
- ☐ C. SSL ✓
- ☐ D. JSON

Explanation :

Answer – A and C

This is clearly given in the AWS documentation

Feature	Classic Load Balancer	Application Load Balancer
Supported Protocols	HTTP, HTTPS, TCP, SSL	HTTP, HTTPS, HTTP/2, WebSockets

For more information on ELB, please refer to the link:

- <https://aws.amazon.com/elasticloadbalancing/classicloadbalancer/faqs/>
(<https://aws.amazon.com/elasticloadbalancing/classicloadbalancer/faqs/>)

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QUESTION 53 UNATTEMPTED

What is the default setting of connection draining in ELB. Choose an answer from the options below.

- ☒ A. 300 seconds ✓

- ☐ B. 30 seconds
- ☐ C. 60 seconds
- ☐ D. 600 seconds

Explanation :

Answer – A

To ensure that a Classic Load Balancer stops sending requests to instances that are de-registering or unhealthy, while keeping the existing connections open, use *connection draining*. This enables the load balancer to complete in-flight requests made to instances that are de-registering or unhealthy.

When you enable connection draining, you can specify a maximum time for the load balancer to keep connections alive before reporting the instance as de-registered. The maximum timeout value can be set between 1 and 3,600 seconds (the default is 300 seconds). When the maximum time limit is reached, the load balancer forcibly closes connections to the de-registering instance.

For more information on ELB, please refer to the link:

- <http://docs.aws.amazon.com/elasticloadbalancing/latest/classic/config-conn-drain.html>
(<http://docs.aws.amazon.com/elasticloadbalancing/latest/classic/config-conn-drain.html>)

Ask our Experts



QUESTION 54 UNATTEMPTED

Is there a limit on the number of subnets that can be created per VPC? Choose an answer from the options below.

- ☐ A. 100
- ☒ B. 200 ✓
- ☐ C. 300
- ☐ D. No limit

Explanation :

Answer – B

This is clearly given in the aws documentation

Q. How many subnets can I create per VPC?

Currently you can create 200 subnets per VPC. If you would like to create more, please [submit a case at the support center](#).

For more information on VPC, please refer to the link

<https://aws.amazon.com/vpc/faqs/> (<https://aws.amazon.com/vpc/faqs/>)

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QUESTION 55

UNATTEMPTED

Can you use all the IP Addresses assigned to a subnet.

- ☐ A. True
- ☐ B. False ✓

Explanation :

Answer – B

This is clearly given in the AWS documentation

Q. Can I use all the IP addresses that I assign to a subnet?

No. Amazon reserves the first four (4) IP addresses and the last one (1) IP address of every subnet for IP networking purposes.

For more information on VPC, please refer to the link:

- <https://aws.amazon.com/vpc/faqs/> (<https://aws.amazon.com/vpc/faqs/>)

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QUESTION 56

UNATTEMPTED

Does S3 Infrequent Access storage provide the same performance as standard storage?

- ☐ A. True ✓
- ☐ B. False

Explanation :

Answer – A

This is clearly given in the AWS documentation

Q: What performance does S3 Standard-IA offer?

S3 Standard-IA provides the same performance as the S3 Standard and S3 One Zone-IA storage classes.

For more information on S3 please visit the below link:

- <https://aws.amazon.com/s3/faqs/> (<https://aws.amazon.com/s3/faqs/>)

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QUESTION 57

UNATTEMPTED

What is the VPC that is created for your AWS account for the first time. Choose an answer from the options below.

- ☐ A. Primary VPC
- ☐ B. First VPC
- ☒ C. Default VPC ✓
- ☐ D. Initial VPC

Explanation :

Answer – C

A default VPC is a logically isolated virtual network in the AWS cloud that is automatically created for your AWS account the first time you provision Amazon EC2 resources. When you launch an instance without specifying a subnet-ID, your instance will be launched in your default VPC.

For more information on VPC, please refer to the link:

- <https://aws.amazon.com/vpc/faqs/> (<https://aws.amazon.com/vpc/faqs/>)

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QUESTION 58

UNATTEMPTED

What are the 2 ways in which you can get data into S3-Standard IA? Choose 2 answers from the options below.

- ☒ A. Put request by changing the x-amz-storage-class header ✓
- ☒ B. Use lifecycle policies ✓
- ☐ C. Using SNS
- ☐ D. Using SES

Explanation :

Answer – A and B

This is clearly given in the AWS documentation

Q: How do I get my data into Standard - IA?

There are two ways to get data into Standard - IA from within S3. You can directly PUT into Standard - IA by specifying STANDARD_IA in the x-amz-storage-class header. You can also set lifecycle policies to transition objects from Standard to Standard - IA.

For more information on S3 please visit the below link:

- <https://aws.amazon.com/s3/faqs/> (<https://aws.amazon.com/s3/faqs/>)

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QUESTION 59

UNATTEMPTED

Is S3 ideal for hosting web sites with server side scripting?

- ☐ A. True
- ☒ B. False ✓

Explanation :

Answer – B

S3 is ideal for static hosting and not for server side interactions.

This is clearly given in the AWS documentation

Q: What kinds of websites should I host using Amazon S3 static website hosting?

Amazon S3 is ideal for hosting websites that contain only static content, including html files, images, videos, and client-side scripts such as JavaScript. Amazon EC2 is recommended for websites with server-side scripting and database interaction.

For more information on S3 please visit the below link:

- <https://aws.amazon.com/s3/faqs/> (<https://aws.amazon.com/s3/faqs/>)

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QUESTION 60

UNATTEMPTED

Which API call would you create a new item in dynamoDB? Choose the correct answer from the options below

- ☒ A. PutItem ✓
- ☐ B. Scan
- ☐ C. GetItem
- ☐ D. query

Explanation :

Answer – A

Creates a new item, or replaces an old item with a new item. If an item that has the same primary key as the new item already exists in the specified table, the new item completely replaces the existing item.

You can perform a conditional put operation (add a new item if one with the specified primary key doesn't exist), or replace an existing item if it has certain attribute values.

In addition to putting an item, you can also return the item's attribute values in the same operation, using the ReturnValues parameter.

For more information on the PutItem command please visit the below link:

- http://docs.aws.amazon.com/amazondynamodb/latest/APIReference/API_PutItem.html
(http://docs.aws.amazon.com/amazondynamodb/latest/APIReference/API_PutItem.html)

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