

### QUESTION 1

If you encrypt a bucket on S3, what type of encryption does AWS use?

☐ International Data Encryption Algorithm (IDEA).

☐ Data Encryption Standard (DES)

☐ Advanced Encryption Standard (AES) 128

☒ Advanced Encryption Standard (AES) 256

**Good work!**

## QUESTION 2

If you want to enable a user to download your private data directly from S3, you can insert a pre-signed URL into a web page before giving it to your user.



True



False

**Good work!**

### QUESTION 3

How does S3 determine which partition to use to store files?

- ☐ S3 automatically stores your files on a random partition
- ☒ The key name determines which partition the file is stored in
- ☐ By default, all files in the same bucket are stored on the same partition
- ☐ The bucket name determines which partition the file is stored in

**Sorry!**

#### QUESTION 4

Which of the following options allows users to have secure access to private files located in S3?

Choose 3



CloudFront Signed Cookies



Public S3 buckets



CloudFront Signed URLs



CloudFront Origin Access Identity

#### Good work!

There are three options in the question which can be used to secure access to files stored in S3 and therefore can be considered correct. Signed URLs and Signed Cookies are different ways to ensure that users attempting access to files in an S3 bucket can be authorised. One method generates URLs and the other generates special cookies but they both require the creation of an application and policy to generate and control these items. An Origin Access Identity on the other hand, is a virtual user identity that is used to give the CloudFront distribution permission to fetch a private object from an S3 bucket. Public S3 buckets should never be used unless you are using the bucket to host a public website and therefore this is an incorrect option.

QUESTION 5

What is the largest size file you can transfer to S3 using a PUT operation?

☐ 1GB



☒ 5TB

☒ 5GB

☐ 100MB

**Sorry!**

Next question

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#### QUESTION 6

Your application is consistently reading and writing 100s of objects per second to S3 and your workload is steadily rising. What can you do to achieve the best performance from S3?



Do nothing, S3 can cope with a much higher read and write operation than is being experienced



Add a hex hash suffix to the objects key name



Configure an additional bucket and distribute the files evenly between the two buckets



Configure a CloudFront CDN and use the S3 bucket as the origin

**Sorry!**

#### **Correct Answer**

Amazon S3 now provides increased performance to support at least 3,500 requests per second to add data and 5,500 requests per second to retrieve data. This negates the previous optimisation guidance for randomising your object key names to increase throughput

QUESTION 7

When you first create an S3 bucket, this bucket is publicly accessible by default.



False



True

Good work!

QUESTION 8

You are using S3 in AP-Northeast to host a static website in a bucket called "acloudguru". What would the new URL endpoint be?



<http://acloudguru.s3-website-ap-northeast-1.amazonaws.com>



<https://s3-ap-northeast-1.amazonaws.com/acloudguru/>



<http://acloudguru.s3-website-ap-southeast-1.amazonaws.com>



<http://www.acloudguru.s3-website-ap-northeast-1.amazonaws.com>


 Sorry!



#### QUESTION 9

You are hosting a static website in an S3 bucket that uses Javascript to reference assets in another S3 bucket. For some reason, these assets are not displaying when users browse to the site. What could be the problem?

- ☐ You need to open port 80 on the appropriate security group in which the S3 bucket is located.
- ☒ You haven't enabled Cross-origin Resource Sharing (CORS) on the bucket where the assets are stored.
- ☐ You cannot use one S3 bucket to reference another S3 bucket.
- ☐ Amazon S3 does not support Javascript.

 Good work!

QUESTION 10


What is the HTTP code you would see once you successfully place a file in an S3 bucket?

☐ 404

☐ 312

☐ 524

☒ 200

 Good work!

QUESTION 11


The minimum file size allowed on S3 is 1 byte.



False



True

 Good work!

QUESTION 12

Which feature of AWS can you use to configure S3 to allow web applications being hosted in one S3 bucket to access files in another S3 bucket?



CORS




Bucket Policy



IAM Role



Bucket ACL

 Good work!

QUESTION 13

Which of the following encryption methods are supported in S3?

Choose 3

☒ SSE-C

☒ SSE-S3

☒ SSE-KMS

☐ SSE-AES

**Sorry!**

QUESTION 14


What is the maximum file size that can be stored on S3?

☐ 2TB

☒ 5TB

☐ 1TB

☐ 4TB


 Good work!

QUESTION 15

S3 provides unlimited storage.

☐ False

☒ True

 Good work!