1) QuestionID: 110

Scenario: Customer is having a large bucket, and is observing ‘Invalid XML Error’ when listing the bucket. The HTTP status/response code for these requests is 200.

Question: Which of the following are valid? (Choose two answers)

A.

The customer might have a firewall which could be causing TCP connections attempts to S3 to time out.

B.

If the bucket has a large amount of delete markers, this issue can occur. XXXXXX

C.

The status code cannot be ‘200’ if we are seeing an error.

D.

The status code can be ‘200’ if we are seeing an error. XXXXXX

2) QuestionID: 119

Scenario: The customer is using AWS CLI to upload files (each file is 20 MB) to their bucket and is receiving 503 Slowdown errors. The customer already had their bucket partitioned and they are using randomly hashed keys. They are using aws s3 cp to upload files to S3.

Question: How would you help the customer? (Choose two options)

A.

Escalate to Service Team as customer should not be receiving 503 errors.

B.

Increase CLI parameter “multipart\_chunksize" to 20MB to avoid multipart uploads.

C.

Increase CLI parameter “multipart\_threshold" to 20MB to avoid multipart uploads.

D.

Increase CLI parameter “multipart\_threshold" to more than 20MB to avoid multipart uploads. XXXXXXXXX

E.

Since MultiPart upload is being made, check parts bucket to see if they are partitioned to handle similar API rates as customer bucket. XXXXXXX

3)

QuestionID: 120

Scenario: Customer has hex level partitions created on root of the bucket i.e. /{{0..f}}

Question: You need to now create partitions for this customer in parts bucket. What will the partitions look like? Bucketname is demobuckettoday

A.

parts/B/{{0..f}}

B.

parts/BKP4MiPCMMLE7jFkRPgu#demobuckettoday/demobuckettoday/{{0..f}}

C.

parts/BKP4MiPCMMLE7jFkRPgu#demobuckettoday/{{0..f}} XXXXXXXXXXX

D.

parts/BKP4MiPCMMLE7jFkRPgu/{{0..f}}

4)

QuestionID: 304

Scenario: A customer has had their application work fine for over a year. Suddenly they start getting Signature Mismatch errors when Uploading their files to S3.

Question: What information would you ask the customer for? (Choose 5 answers)

A.

Full error response message. XXXXX

B.

Size of their objects

C.

StringToSign & Canonical Request generated by the client.XXXXX

D.

The presign URL link that was created.XXXXX

E.

Firewalls/Proxy in the enviornment.XXXXX

F.

Packet capture.

G.

Code snippet & SDK version.XXXXX

5)

QuestionID: 405

Scenario: Cx is reporting performance issues on their bucket and provides S3 Request IDs. You run the log dive and find that the customer is experiencing a 503 SlowDown error.

Question: Based on the log dive output, why did this 503 SlowDown error occur?

Download the zip file: https://s3onlineassessmentbucket.s3.amazonaws.com/Bakerstreet.zip

Review the .html files. These .html files are Bakerstreet log dives, however, the formatting from these files have been stripped. Thus, these files will look different than what you are use to seeing in Bakerstreet.

A.

Customer is using a date based prefix.

B.

Customer is exceeding S3's API rate limits.

C.

There were concurrent requests processed by S3 at the same time. XXXXX

D.

BM timed out waiting for the KFC.

6)

QuestionID: 207

Scenario: Customer has public WRITE permissions on the bucket ACL, and their application performed PUT requests via AWS CLI to upload objects to the bucket anonymously. They are unable to access the objects while using credentials from their account.

Question: How to ensure object is owned by the bucket owner?

A.

The account that uploaded the object should upload the object by running the following AWS CLI command: $ aws s3api put-object-acl --bucket mybucket --key puppy.jpg --acl bucket-owner-full-control

B.

Bucket owner should assume a role in the uploader's account to access the objects. For example: 1) $ aws sts assume-role --role-arn arn:aws:iam::111111111111:role/app\_role --role-session-name 1234 2) $ aws s3api copy-object --copy-source mybucket/puppy.jpg --key puppy.jpg --bucket mybucket --acl bucket-owner-full-control

C.

Bucket owner should run the following AWS CLI command first: $ aws s3api put-object-acl --bucket my bucket --key puppy.jpg --acl bucket-owner-full-control --no-sign-request. Then the bucket owner should run the following AWS CLI command : $ aws s3 cp s3://mybucket/puppy.jpg s3://mybucket/puppy.jpg --storage-class STANDARD XXXXX

D.

Bucket owner should run the following AWS CLI command: $ aws s3 cp s3://mybucket/puppy.jpg s3://mybucket/puppy.jpg

7)

QuestionID: 121

Scenario: Customer provides a request ID pair for 503 response, in which you see that it is a POST.UPLOAD request.

Question: Which operation is the customer making?

A.

CompleteMultipartUpload XXXXX

B.

POST request

C.

InitiateMultiPartUpload

D.

AbortMultipartUpload

8)

QuestionID: 124

Scenario: Customer is copying a lot of data from bucket in us-east-1 region to eu-west-1 region and they are complaining that there is increased latency compared to what is normally observed by them.

Question: Which dashboard would you use to check for Cross-region throttle?

A.

S3 GreenI

B.

S3 Frontend Dashboard

C.

Penny Reports

D.

None of the above XXXXX

9)

QuestionID: 417

Question: What are some of the use cases for S3? (Choose 3 answers)

A.

Ability to archive data (Backups & DR). XXXXX

B.

Ability to store data on the Internet. XXXXX

C.

Ability to run analytics on stored data. XXXXX

D.

Ability to access S3 using a custom SSL certificate.

E.

Ability to find objects quickly and easily due to S3's indexing feature.

10)

QuestionID: 112

Scenario: Customer is seeing 503 errors when they list their bucket.

Question: Which of the following statements are valid regarding listing of buckets? (Choose two answers)

A.

S3 supports a lower request rate for list api as compared to getobject or putobject api. XXXXX

B.

503 errors indicate network issues between client and S3.

C.

Customer's bucket has more than 1,000,000 objects and listing the entire bucket can cause throttling because there will be more than 1000 list calls happening on the backend. XXXXX

D.

Customers will only receive a 503 response for requests if they are exceeding the limit for that request type. A customer will not receive a 503 for LIST requests if they are exceeding the rate for GET requests on the same partition. In this situation, only the GET requests will be throttled.

11)

QuestionID: 411

Question: Select which of the following statements are True or False.

True False

Without any need for additional parameters such as (force-glacier-transfer equivalent), Batch operations can be used to copy restored objects in Glacier class to a different bucket without having to change the storage class to standard. XXXXX

A partner account uploaded 40 Million objects into the customer's bucket. All the objects are in Glacier storage class and no object-level permissions have been granted to the customer's account. Considering the batch ops role from the customer's account has all permissions in it's policy, A batch operations restore job in customer's account would result in success.

XXXXX

12)

QuestionID: 114

Scenario: Batch operations copy is stuck/slow. Customer is complaining that their Batch Operations Job for 1 billion objects is very slow.

Question: What recommendations would you provide to the customer in this situation? (Choose two answers)

A.

Split the job into multiple jobs.XXXXX

B.

Use the AWS SDK to create a custom script instead of using S3 Batch Operations.

C.

Optimize the network performance by having the customer submit the job from a large EC2 instance that is in the same region and route the request to S3 via a VPCe.

D.

Use inventory reports or generated manifests instead of a single flat CSVXXXXX

13)

QuestionID: 412

Scenario: Customer configured the inventory report from a bucket in Account A to be delivered to the same bucket which has ACL enabled. Batch operations job is being run in Account B.

Question: Which of the following scenarios will make the job successful?

A.

The bucket policy in account A should allow access to the IAM identify in account B to read the inventory report.

B.

Inventory report must be delivered to a bucket in the account where batch operations job is run.

C.

IAM identity in Account A should update the acl on just the manifest.json file to grant access to the customer's account (Account B).

D.

Account A should copy all the files generated by the inventory to the customer's bucket in Account B by passing bucket-owner-full-controlXXXXX

14)

QuestionID: 111

Scenario: Customer is having a large bucket, and is observing ‘Invalid XML Error’ when listing the bucket. The HTTP status/response code for these requests is 200.

Question: What can we do in order to overcome this issue? (Choose two answers)

A.

Use a lifecycle policy to remove excessive delete markers from the bucket. XXXXX

B.

This is an issue with the client, we need to investigate why the client incorrectly reports an error even though the response code was 200.

C.

Recommend using ListObjectsV2 api instead of ListObjectsV1. Recommend using S3 Inventory as a workaround.XXXXX

D.

S3 buckets support a lower list tps as compared to Get/Put TPS. Hence customer should reduce the list TPS if possible.

15)

QuestionID: 204

Scenario: Customer tried to download an object, however it was giving access denied. The customer retried to download the object after some time, but this time the request was successful.

Question: You have checked all the relevant policies. You are trying to find the reason of the access deny, what else would you check? (Choose two answers)

A.

Perform a log dive to verify that the IAM identity the customer is claiming to use is actually being used. XXXXX

B.

Check CloudTrail events and check if the policy has been changed. XXXXX

C.

Check if customer is making ranged GET requests.

D.

Check for an explicit allow in the request.

16)

QuestionID: 305

Scenario: The customer has provided you with the following information: (a) Code Snippet, (b) StringToSign & Canonical Request generated by the client, (c) StringToSign & Canonical Request response from AWS (d) request being made to S3.

Log Records can be found here: https://quip-amazon.com/p7QfA3b6YBgZ/Signature-Mistmach-Log-Records#PfM9CALG5oX

Question: What is the cause of this Signature Mismatch error?

A.

Firewall/Proxy manipulated the request.

B.

The generated URL was double encoded.

C.

The host header was not signed correctly.

D.

The request was sent to the incorrect region.

E.

The x-amz-acl header was not included in the request.XXXXX

F.

The host header was not included in the request.

17)

QuestionID: 503

Scenario: A customer deleted a bucket and is unable to recreate it in same region (Sydney ap-southeast-2) and same account after waiting several hours.

Question: What steps would you take next to troubleshoot this issue?

A.

Inform the customer that this behavior is due to eventual consistency and that they should wait 48 hours before trying to recreate a bucket with the same name.

B.

Use this link https://s3-ap-southeast-2-finder.amazon.com/snmFinder/snmFinder to verify if the bucket has bucketless keys. XXXXX

C.

Use Command Center case>Case Tools>S3 (SNF) to verify if it is a deleted bucket and has bucketless keys.

D.

Inform the customer to keep retrying the CreateBucket API until the bucket is successfully created.

E.

Check the partitions to see if the bucket's partitions still exist.

18)

QuestionID: 203

Scenario: Customer is receiving 403 access denied errors from S3 when trying to upload a 7GB object from CLI with default configuration.

Question: What are some of the things that you would check to narrow down this issue? (Choose 3 answers).

A.

Check all relevant policies applicable for example bucket, IAM, KMS, VPC endpoint.XXXXX

B.

The Bucket policy has provided access to uploading IAM entity for PutObject\*. The same bucket policy also has given PutObject\* permissions to "Principal": "\*" with no limiting Condition. This bucket has block public access enabled. XXXXX

C.

If Block Public Access is enabled, check if the object is being made public as a part of the upload request. XXXXX

D.

Check Host and User Agent in S3 webserver logs.

19)

QuestionID: 201

Scenario: While creating a batch job from the console, the customer gets the following error while specifying the manifest file: "Unable to get the manifest object�s ETag. Specify a different object to continue."

Question: What are the possible reasons for the error? (Choose two answers)

A.

The IAM role that Batch Operations will use to run this job�s action on every object in the manifest does not have access to the manifest object.

B.

The manifest object is in an incorrect format.

C.

The IAM user/role creating the batch job does not have access to the manifest object. XXXXX

D.

The customer might have provided an incorrect Manifest object version ID XXXXX

20)

QuestionID: 406

Scenario: The customer is experiencing 503 error due to inconsistent PUT.

Question: What recommendations would you give to the customer who is experiencing this issue provided that the customer does not have any latency constraints? (Choose two correct answers)

A.

Reduce request rates.

B.

Retry mechanism for failed requests with exponential backoff and Jitter.XXXXX

C.

Perform a HEAD request prior to peforming sucessive PUTs.XXXXX

D.

Create a dedicated bucket level partition for the customer to help them resolve the issue.

E.

Use Versioning Enabled on the Bucket.

21)

QuestionID: 113

Scenario: Batch operations copy is stuck/slow.

Question: Customer is complaining that their Batch Operations Job for 1 billion objects is very slow. What information is required to troubleshoot/recommend next steps? (Choose 6 answers).

A.

The type of operations (Glacier restore, copy. lambda function, etc.)XXXXX

B.

Size of object's replication metadata

C.

The Batch Operations CreateJob Request ID.

D.

Partitions of the bucket involved.XXXXX

E.

The number of active jobs.XXXXX

F.

The number of queued jobs.XXXXX

G.

Other traffic to the source/destination bucket.XXXXX

H.

Source/destination bucket policy

I.

The size of the objects.XXXXX

22)

QuestionID: 410

Scenario: Customer has 250 Million objects in the manifest in various storage classes and the customer wants to use Batch COPY job.

Question: What are the considerations the customer should be aware about to ensure the job completes successfully. Please choose two correct options.

A.

Ensure the object size is less than 5GB. XXXXX

B.

Ensuring the attached IAM role to Batch copy has permissions to SSE-C encrypted objects.

C.

Running the Batch Copy job on all objects after the restore for Glacier objects are completed.

D.

Configure S3 inventory report to deliver multiple inventory reports based on respective storage classes.XXXXX

23)