Asmi Gawade

31

T12

Adv DevOps Assignment 3

Aim: To create a S3 bucket and perform upload, copy, delete operations

Lab Outcome attained:

LO1 :

To understand the fundamentals of cloud computing and to be fully proficient with cloud based devops solutions deployment options to meet your business requirements.

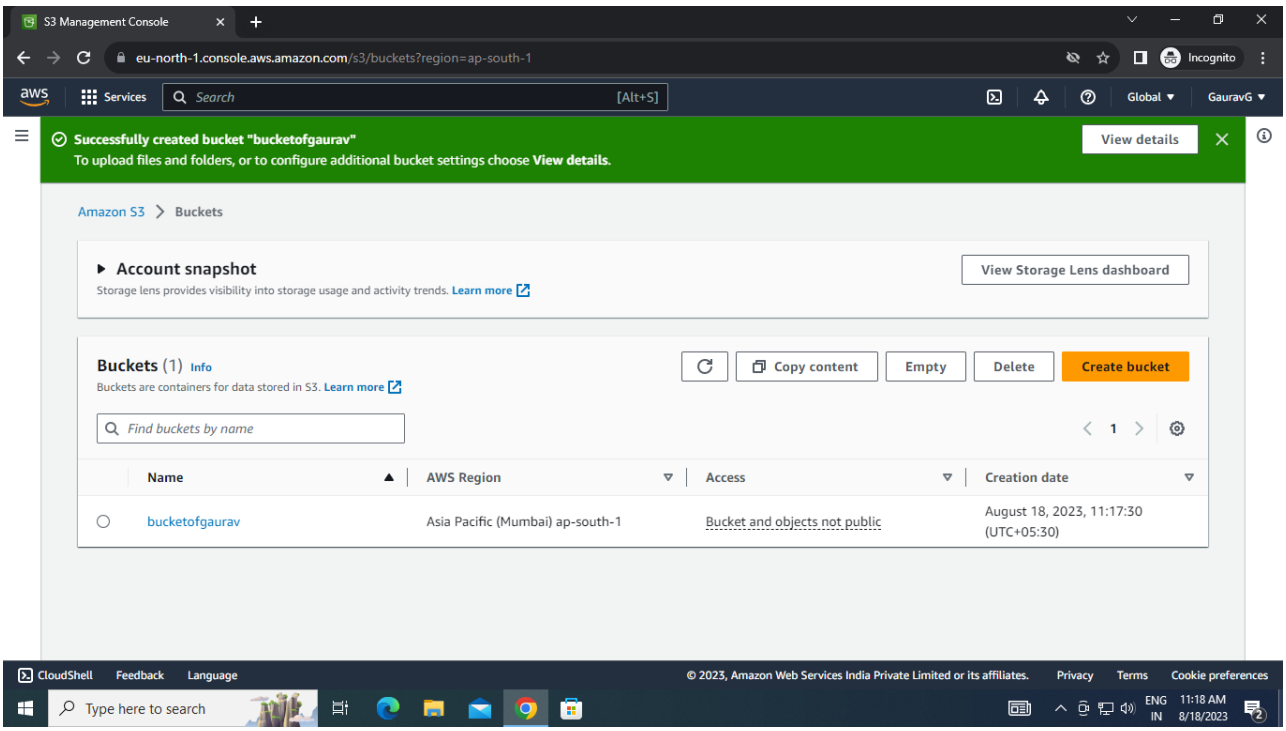
Lo2 :

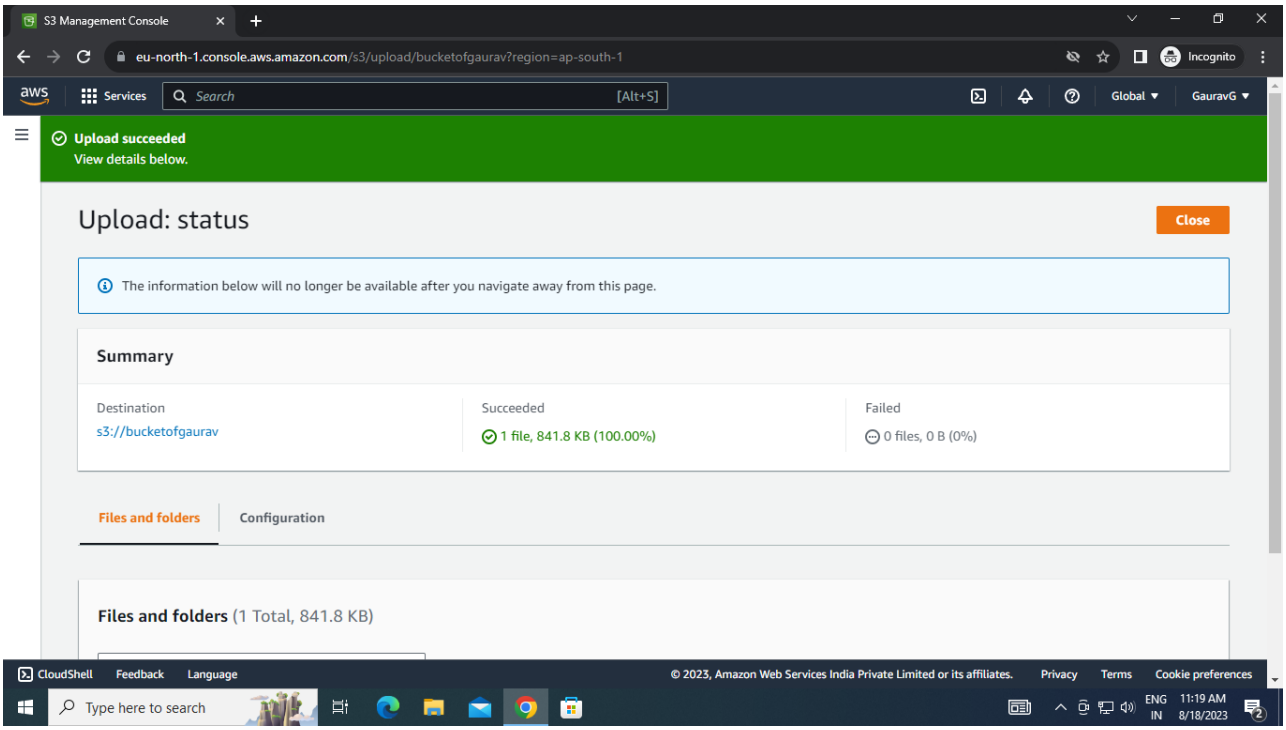
To deploy single and multiple container applications and manage application deployments with rollouts in kubernetes

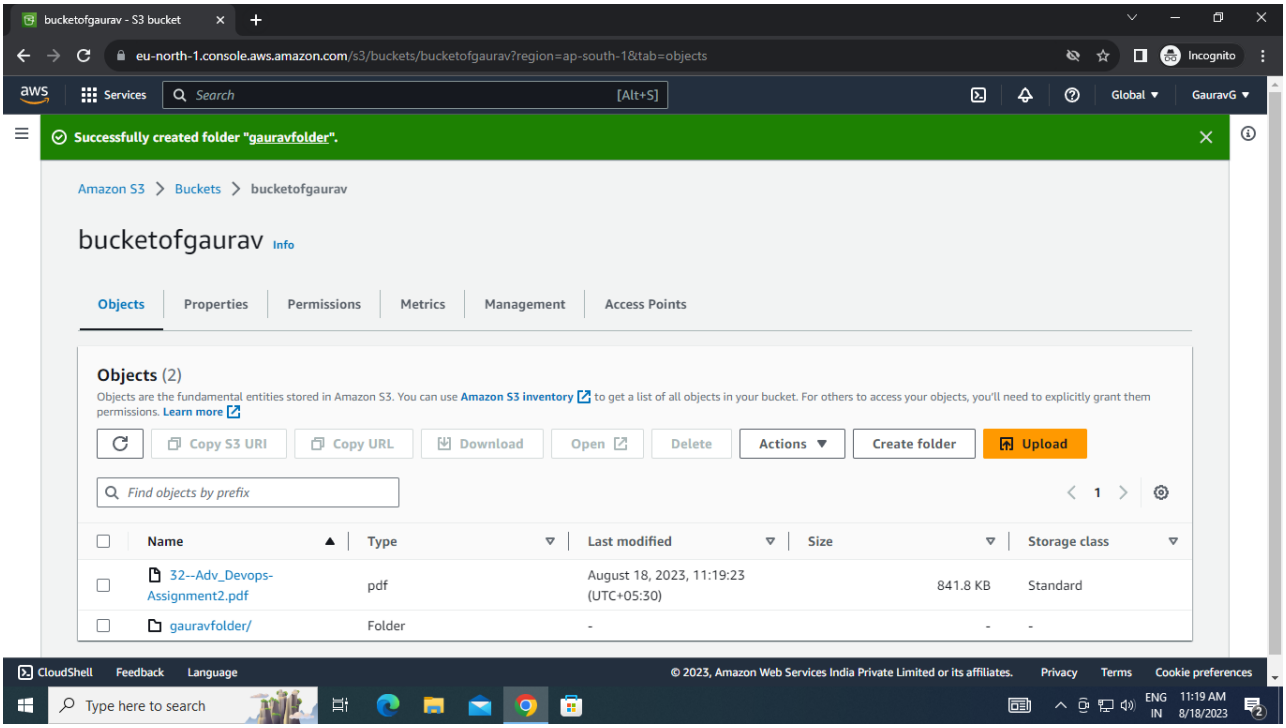
Theory:

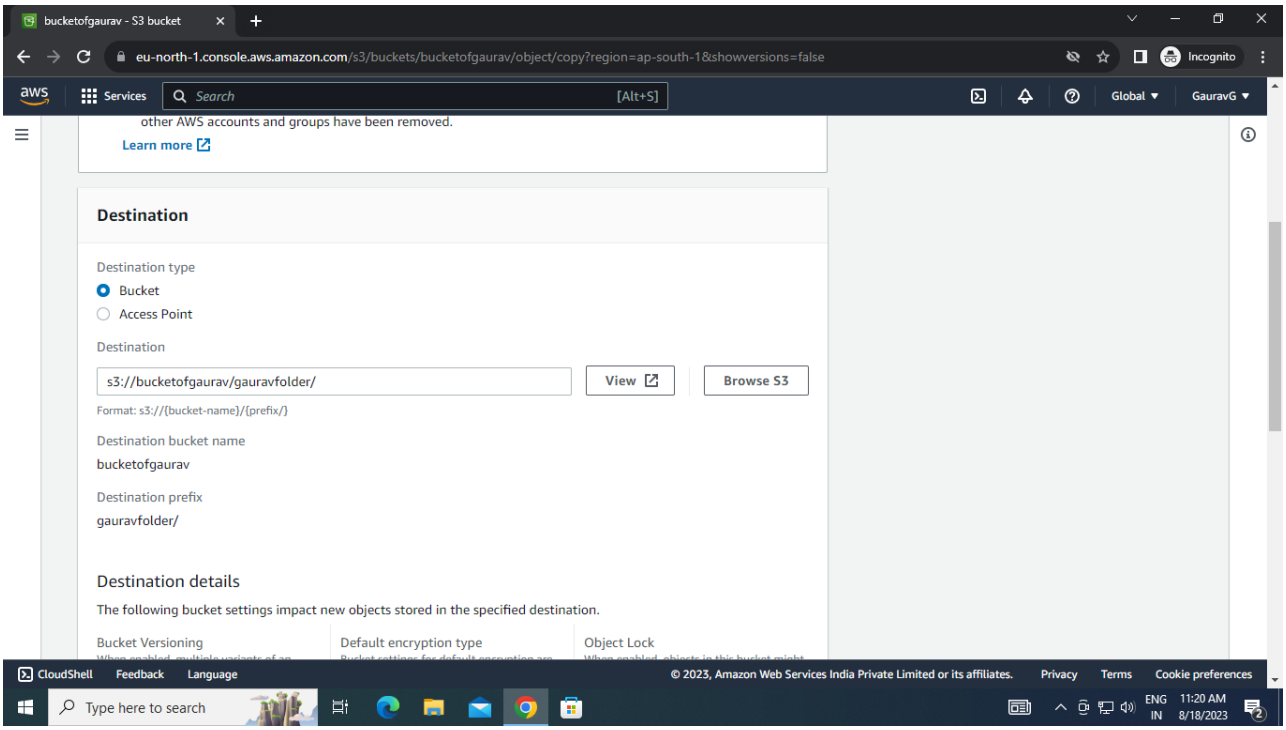
Amazon Simple Storage Service (Amazon S3) is an object storage service that offers industry-leading scalability, data availability, security, and performance.

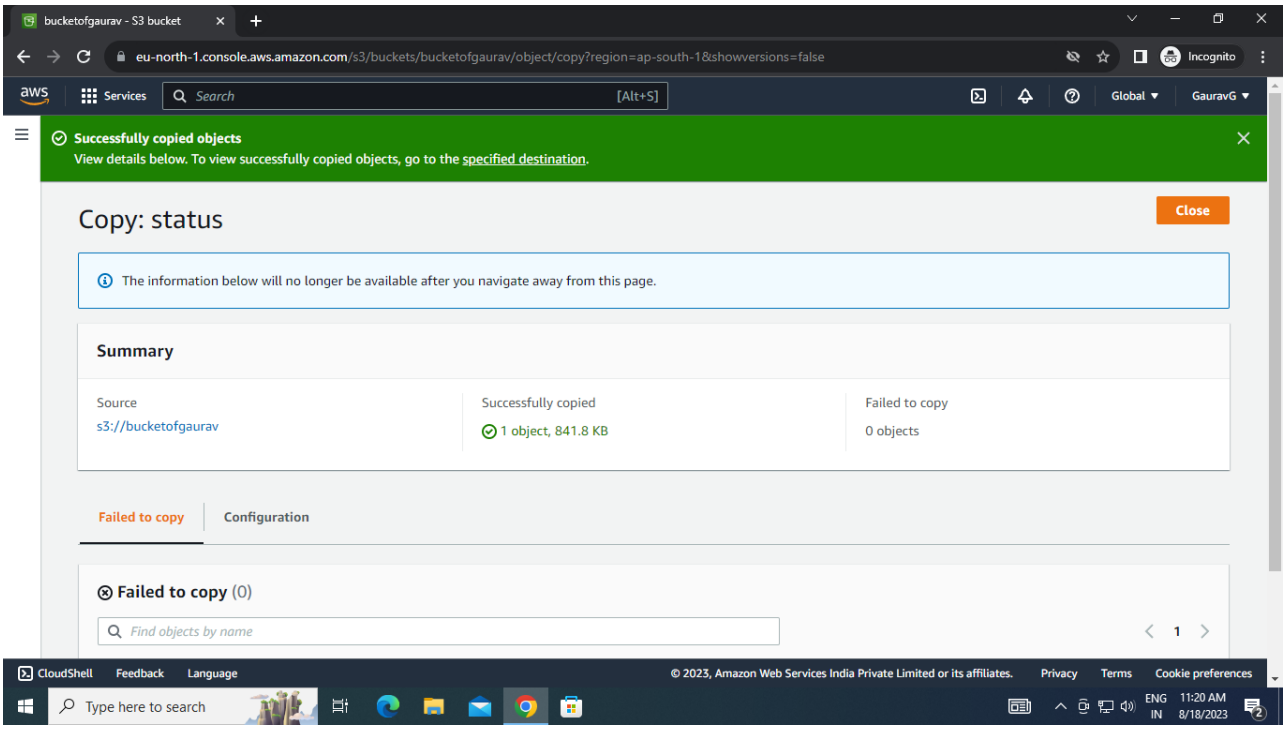
Customers of all sizes and industries can use Amazon S3 to store and protect any amount of data for a range of use cases, such as data lakes, websites, mobile applications, backup and restore, archive, enterprise applications, IoT devices, and big data analytics. Amazon S3 provides management features so that you can optimize, organize, and configure access to your data to meet your specific business, organizational, and compliance requirements.

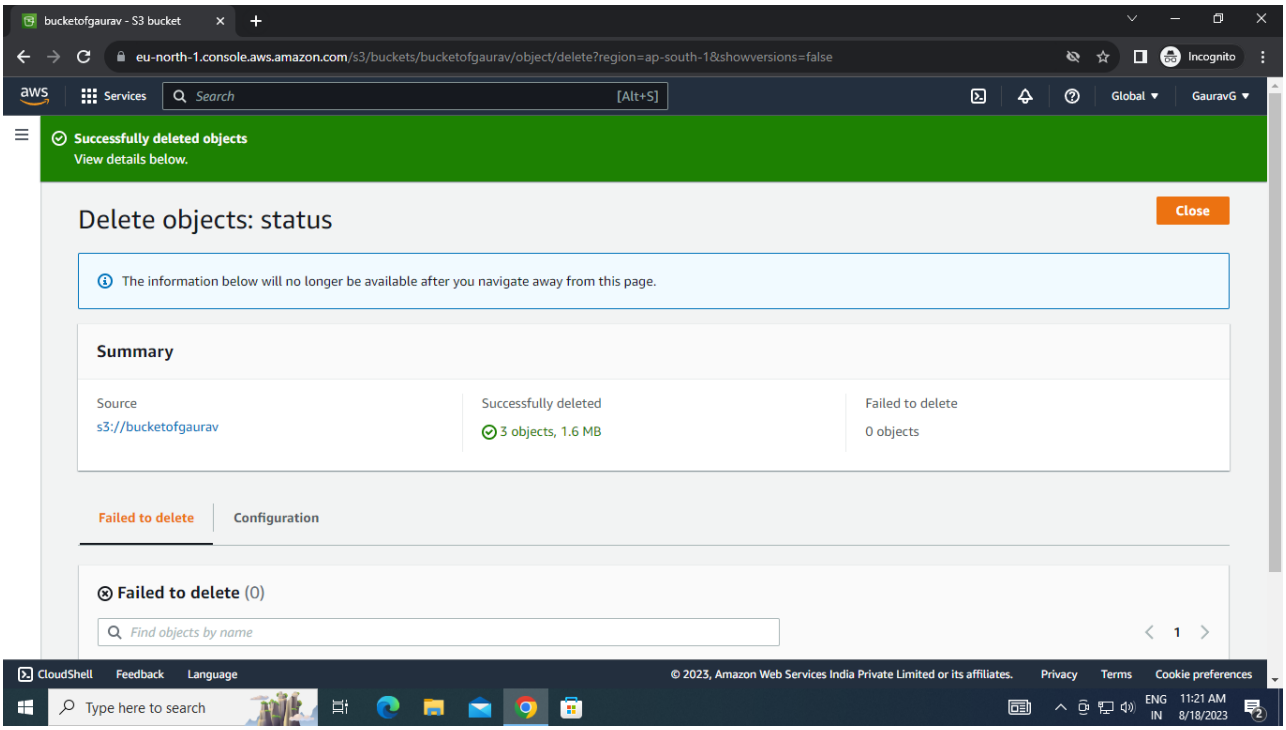


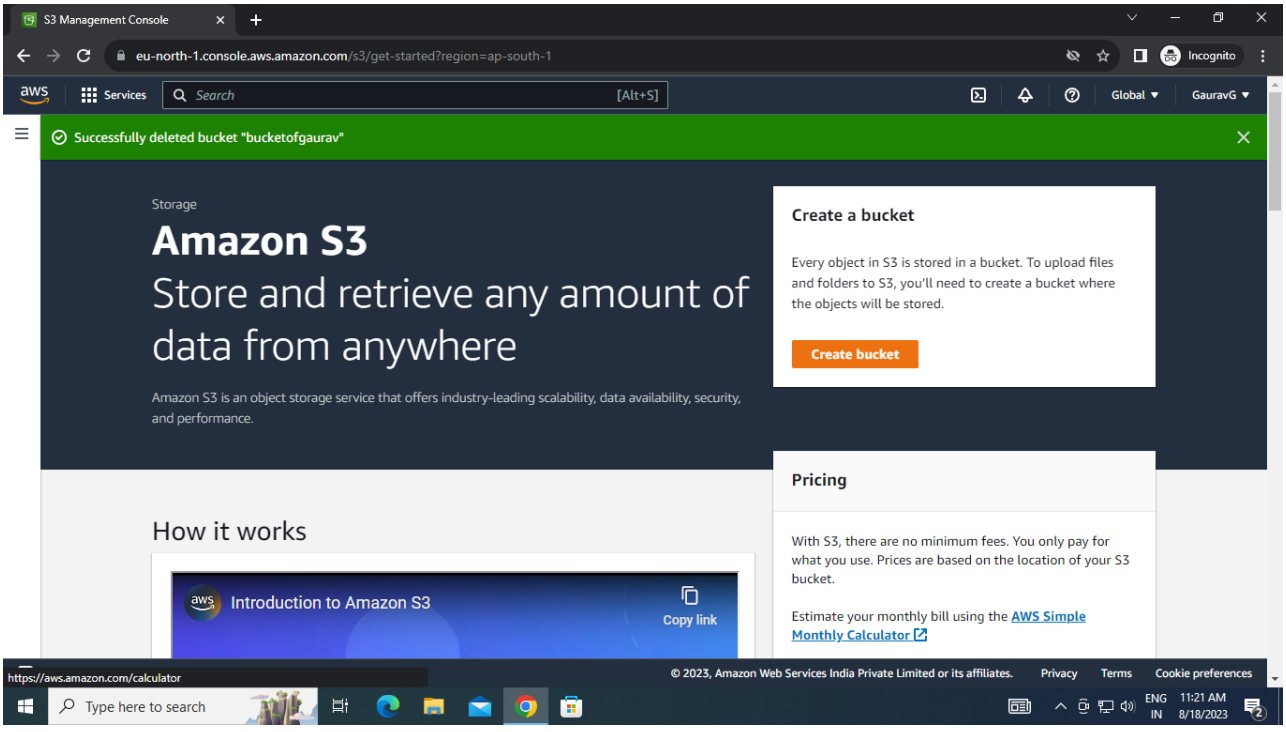

S3 Management Console
eu-north-1.console.aws.amazon.com/s3/upload/bucketofgaurav?region=ap-south-1
Incognito
Services
Search
[Alt+S]
Global
GauravG
Upload succeeded
View details below.
Upload: status
Close
The information below will no longer be available after you navigate away from this page.
Summary
Destination
s3://bucketofgaurav
Succeeded
1 file, 841.8 KB (100.00%)
Failed
0 files, 0 B (0%)
Files and folders
Configuration
Files and folders (1 Total, 841.8 KB)
CloudShell
Feedback
Language
© 2023, Amazon Web Services India Private Limited or its affiliates.
Privacy
Terms
Cookie preferences
Type here to search
ENG
IN
11:19 AM
8/18/2023


bucketofgaurav - S3 bucket
eu-north-1.console.aws.amazon.com/s3/buckets/bucketofgaurav?region=ap-south-1&tab=objects
Incognito
Services
Search
[Alt+S]
Global
GauravG
Successfully created folder "gauravfolder".
Amazon S3
Buckets
bucketofgaurav
bucketofgaurav
Info
Objects
Properties
Permissions
Metrics
Management
Access Points
Objects (2)
Objects are the fundamental entities stored in Amazon S3. You can use Amazon S3 inventory to get a list of all objects in your bucket. For others to access your objects, you'll need to explicitly grant them permissions. Learn more
Copy S3 URI
Copy URL
Download
Open
Delete
Actions
Create folder
Upload
Find objects by prefix
Name
Type
Last modified
Size
Storage class
32--Adv_Devops-Assignment2.pdf
pdf
August 18, 2023, 11:19:23 (UTC+05:30)
841.8 KB
Standard
gauravfolder/
Folder
-
-
-
CloudShell
Feedback
Language
© 2023, Amazon Web Services India Private Limited or its affiliates.
Privacy
Terms
Cookie preferences
Type here to search
ENG
IN
11:19 AM
8/18/2023


bucketofgaurav - S3 bucket
eu-north-1.console.aws.amazon.com/s3/buckets/bucketofgaurav/object/copy?region=ap-south-1&showversions=false
Incognito
aws
Services
Search
[Alt+S]
Global
GauravG
other AWS accounts and groups have been removed.
Learn more
Destination
Destination type
Bucket
Access Point
Destination
s3://bucketofgaurav/gauravfolder/
View
Browse S3
Format: s3://{bucket-name}/{prefix/}
Destination bucket name
bucketofgaurav
Destination prefix
gauravfolder/
Destination details
The following bucket settings impact new objects stored in the specified destination.
Bucket Versioning
Default encryption type
Object Lock
CloudShell
Feedback
Language
© 2023, Amazon Web Services India Private Limited or its affiliates.
Privacy
Terms
Cookie preferences
Type here to search
ENG
IN
11:20 AM
8/18/2023


bucketofgaurav - S3 bucket
eu-north-1.console.aws.amazon.com/s3/buckets/bucketofgaurav/object/copy?region=ap-south-1&showversions=false
Incognito
aws
Services
Search
[Alt+S]
Global
GauravG
Successfully copied objects
View details below. To view successfully copied objects, go to the specified destination.
Copy: status
Close
The information below will no longer be available after you navigate away from this page.
Summary
Source
s3://bucketofgaurav
Successfully copied
1 object, 841.8 KB
Failed to copy
0 objects
Failed to copy
Configuration
Failed to copy (0)
Find objects by name
1
CloudShell
Feedback
Language
© 2023, Amazon Web Services India Private Limited or its affiliates.
Privacy
Terms
Cookie preferences
Type here to search
ENG
IN
11:20 AM
8/18/2023





Conclusion: We understood the working of S3 aws and performed various operations such as upload, copy and delete a file.