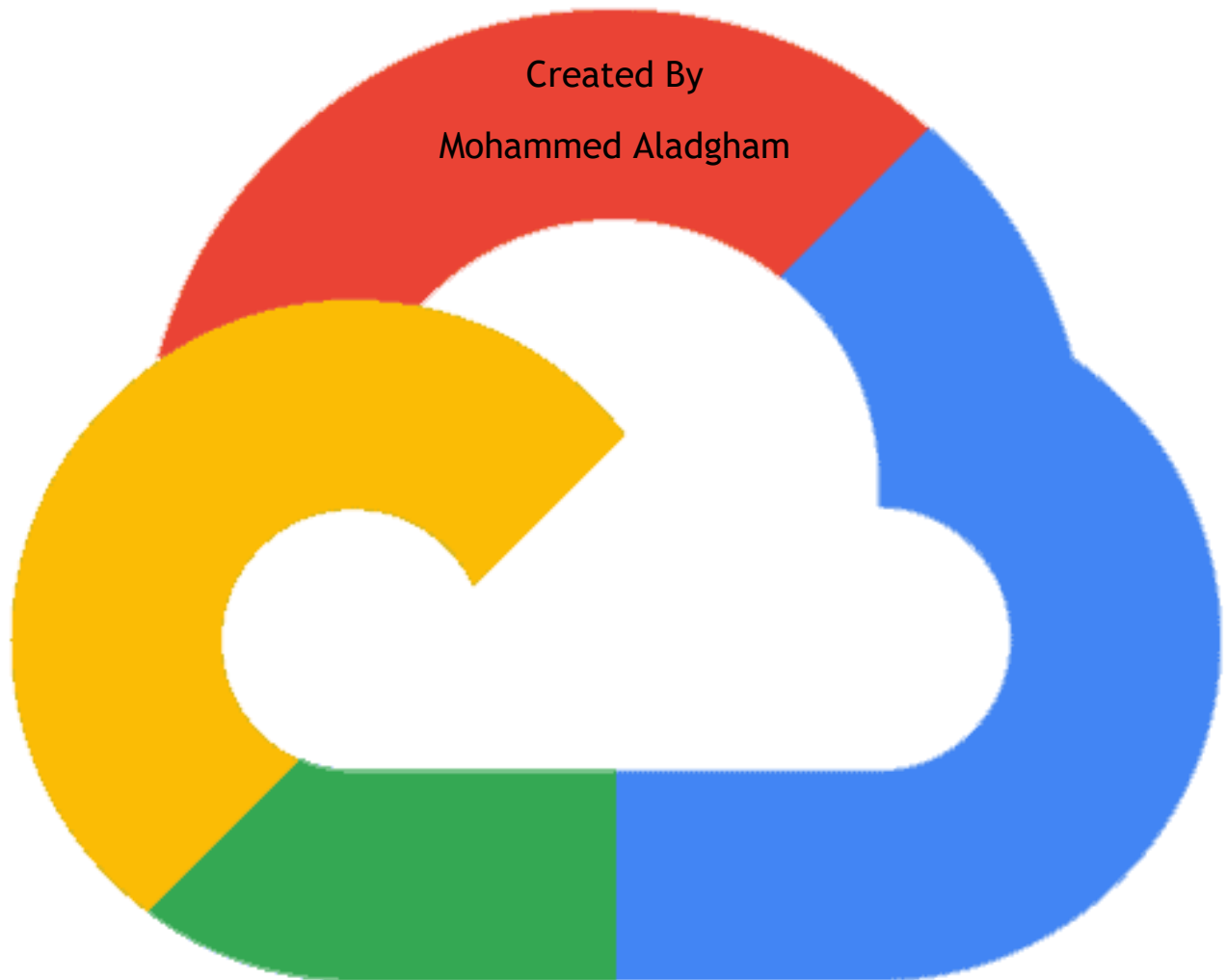


Workflow with Google and Storage

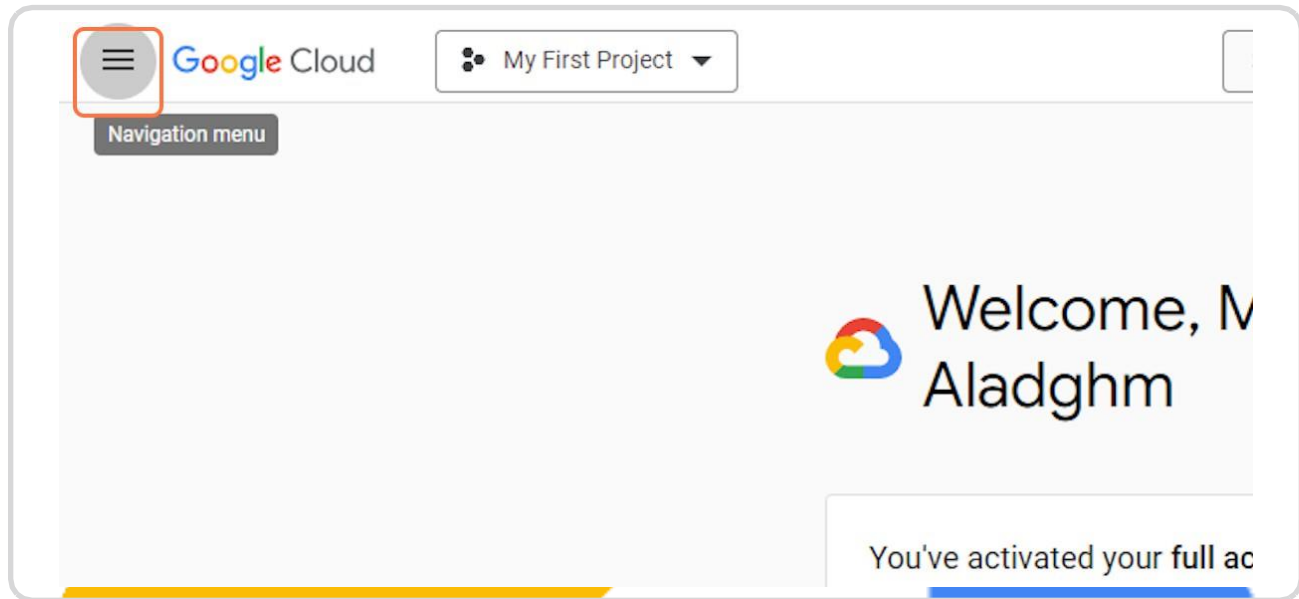
34 Steps



Created By
Mohammed Aladgham

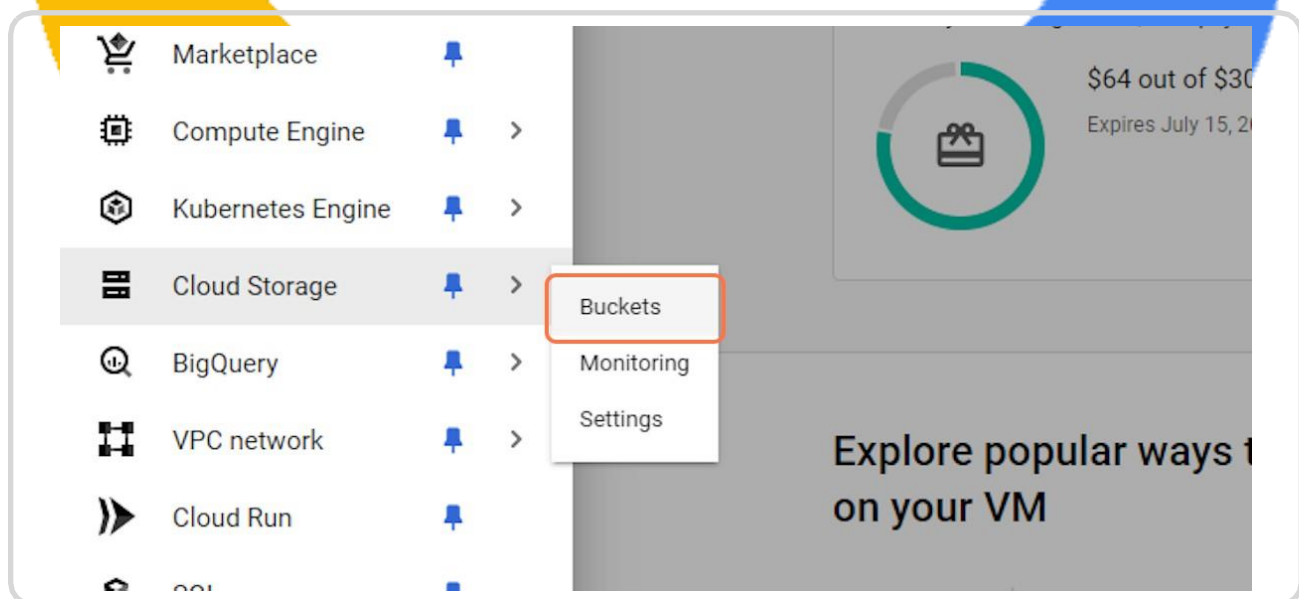
STEP 1

Click on Navigation menu



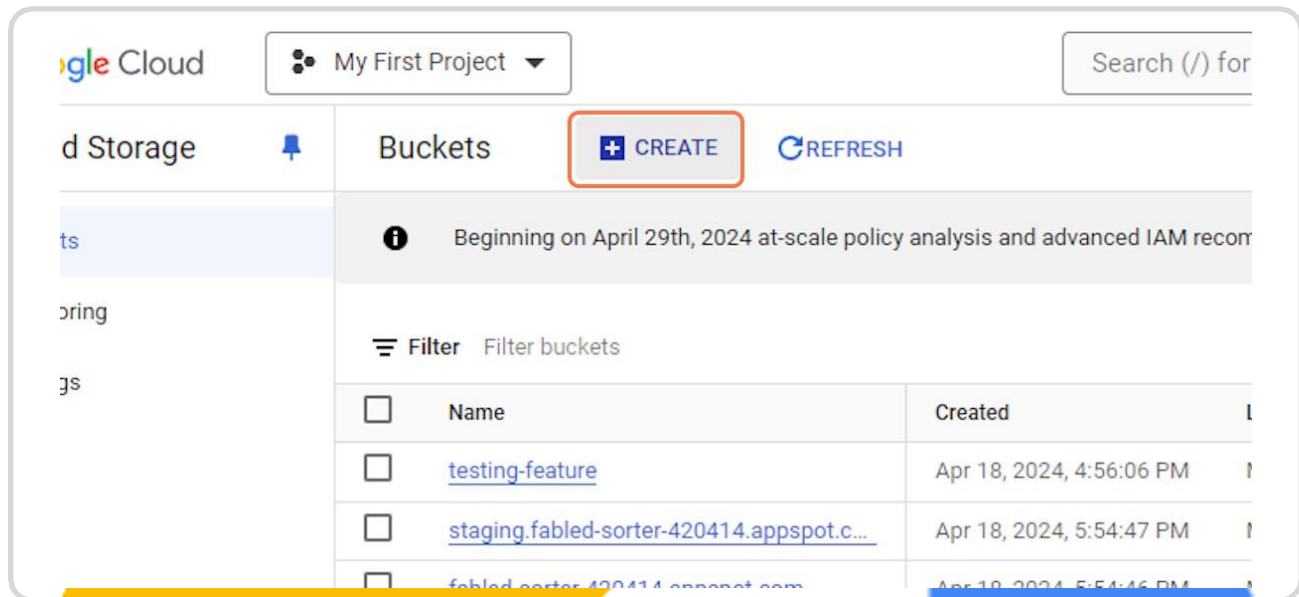
STEP 2

Click on Buckets



STEP 3

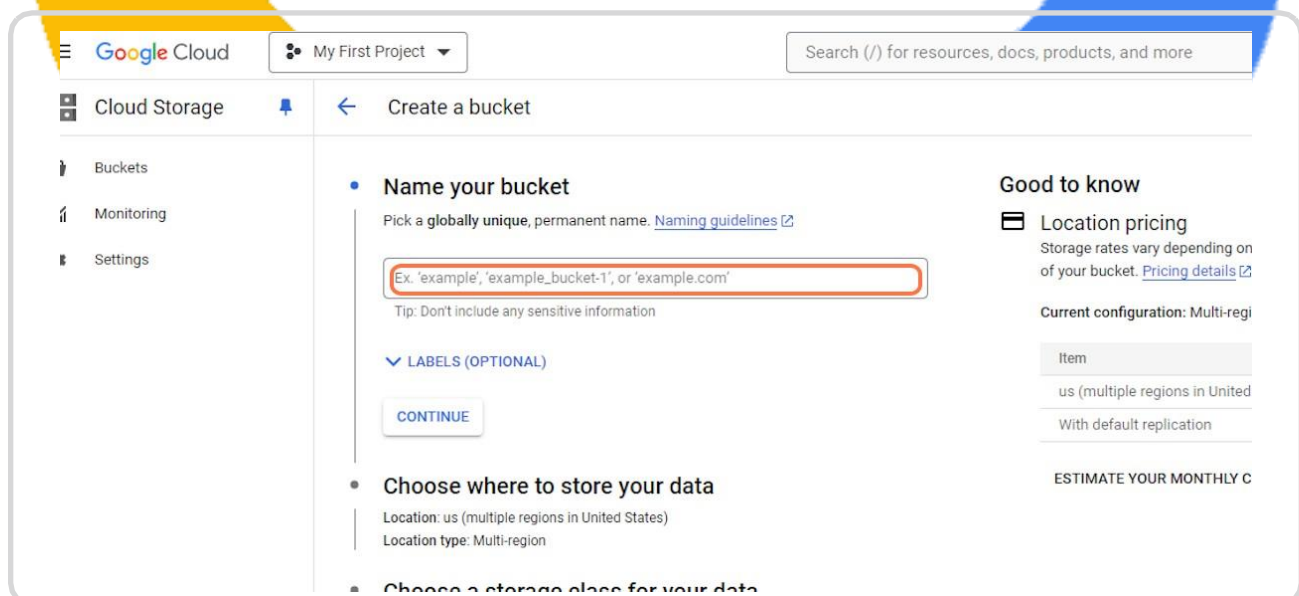
Click on **CREATE**



The screenshot shows the Google Cloud console interface. At the top, there's a search bar and a dropdown menu for 'My First Project'. Below this, the 'Cloud Storage' section is active, showing a list of buckets. A red box highlights the '+ CREATE' button. To the right of the button is a 'REFRESH' button. Below the button, there's a table of existing buckets with columns for 'Name' and 'Created'. The table lists three buckets: 'testing-feature', 'staging.fabled-sorter-420414.appspot.c...', and 'fabled-sorter-420414.appspot.com'.

STEP 4

Name your bucket



The screenshot shows the 'Create a bucket' wizard in the Google Cloud console. The 'Name your bucket' step is highlighted. It prompts the user to 'Pick a globally unique, permanent name' and provides a text input field with the example 'Ex. 'example', 'example_bucket-1', or 'example.com''. A tip below the field says 'Tip: Don't include any sensitive information'. To the right, there's a 'Good to know' section with 'Location pricing' and 'Current configuration: Multi-regi'. Below the input field, there's a 'CONTINUE' button. The next step, 'Choose where to store your data', is partially visible at the bottom.

STEP 5

Type "gcp-lab-2"

Google Cloud My First Project Search (/) for resources, docs, products, and more

Cloud Storage Buckets Monitoring Settings

Create a bucket

- Name your bucket**
Pick a globally unique, permanent name. [Naming guidelines](#)

Tip: Don't include any sensitive information
▼ LABELS (OPTIONAL)
[CONTINUE](#)
- Choose where to store your data**
Location: us (multiple regions in United States)
Location type: Multi-region
- Choose a storage class for your data**

Good to know

Location pricing
Storage rates vary depending on of your bucket. [Pricing details](#)

Current configuration: Multi-regi

Item
us (multiple regions in United States)
With default replication

ESTIMATE YOUR MONTHLY COST

STEP 6

Click on CONTINUE

Settings

Tip: Don't include any sensitive information

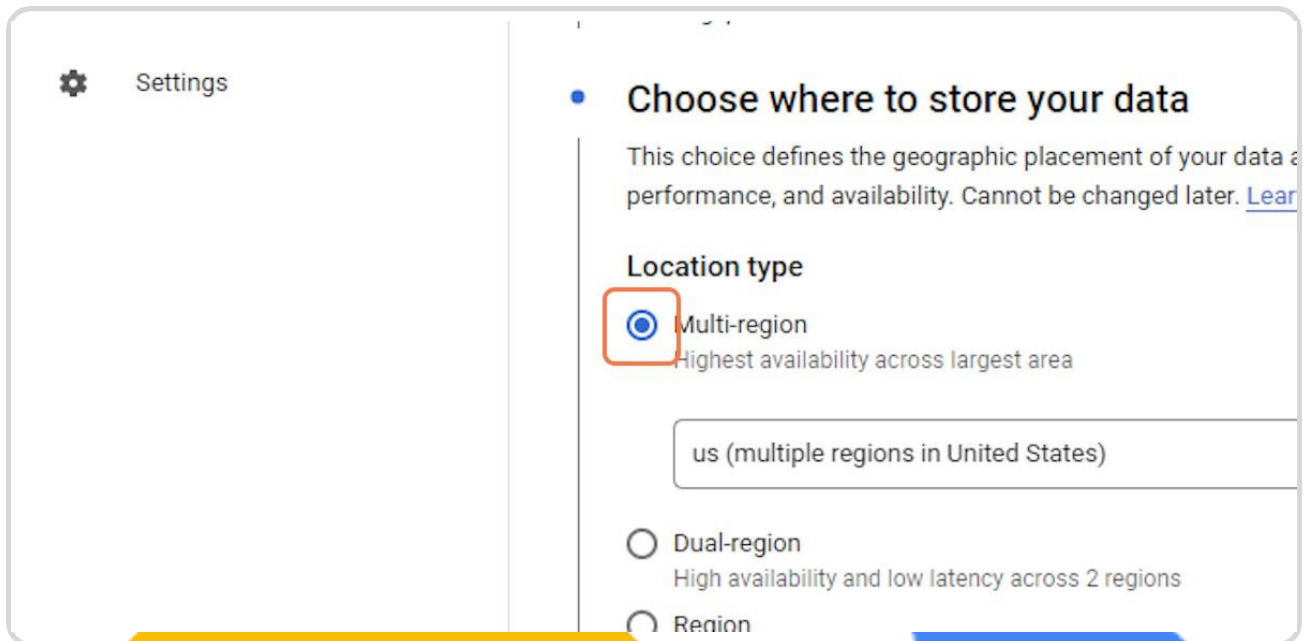
▼ LABELS (OPTIONAL)

[CONTINUE](#)

- Choose where to store your data**
Location: us (multiple regions in United States)
Location type: Multi-region
- Choose a storage class for your data**

STEP 7

Select Multi-region...



Settings

- **Choose where to store your data**

This choice defines the geographic placement of your data and its performance, and availability. Cannot be changed later. [Learn more](#)

Location type

☒ Multi-region
Highest availability across largest area

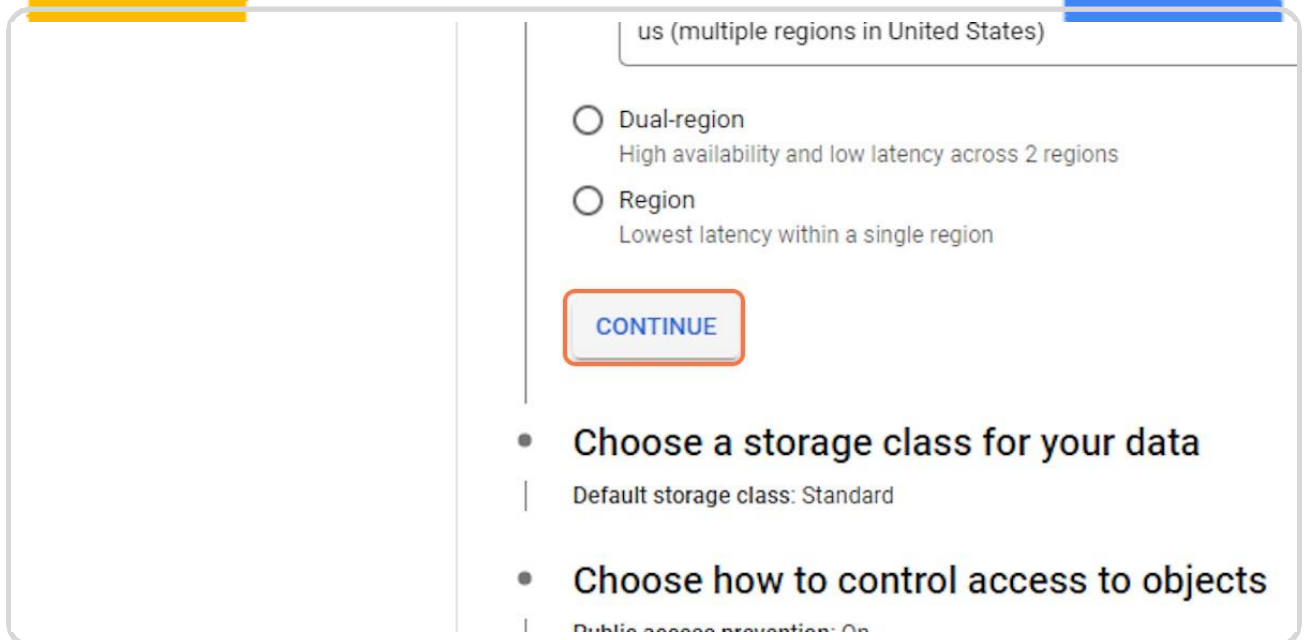
us (multiple regions in United States)

☐ Dual-region
High availability and low latency across 2 regions

☐ Region

STEP 8

Click on “CONTINUE”



us (multiple regions in United States)

☐ Dual-region
High availability and low latency across 2 regions

☐ Region
Lowest latency within a single region

CONTINUE

- **Choose a storage class for your data**

Default storage class: Standard
- **Choose how to control access to objects**

Public access prevention: On

STEP 9

Click on “CONTINUE”

Best for short-term storage and frequently accessed data

☐ Nearline
Best for backups and data accessed less than once a month

☐ Coldline
Best for disaster recovery and data accessed less than once a month

☐ Archive
Best for long-term digital preservation of data accessed less than once a month

CONTINUE

Public access prevention: On
Access control: Uniform

STEP 10

Select “Fine-grained”

☒ Enforce public access prevention on this bucket

Access control

☐ Uniform
Ensure uniform access to all objects in the bucket by using bucket-level permissions (IAM). This option becomes permanent after you create the bucket.

☒ Fine-grained
Specify access to individual objects by using object-level permissions (IAM). [Learn more](#)

CONTINUE

Choose how to protect object data

STEP 11

Click on “CONTINUE”

Marketplace

Release Notes

☐ Uniform

Ensure uniform access to all objects in the bucket by using only bucket-level permissions (IAM). This option becomes permanent after 90 days.

☒ Fine-grained

Specify access to individual objects by using object-level permissions in addition to your bucket-level permissions (IAM). [Learn more](#)

CONTINUE

Choose how to protect object data

Soft delete policy: Enabled

Object versioning: Disabled

Bucket retention policy: Disabled

Object retention: Disabled

STEP 12

Click on CREATE to finish creating the bucket.

7

days

Marketplace

Release Notes

☐ Object versioning (For version control)

For restoring deleted or overwritten objects. To minimize the storage cost, we recommend limiting the number of noncurrent versions to expire after a number of days. [Learn more](#)

☐ Retention (For compliance)

For preventing the deletion or modification of the bucket's contents over a period of time.

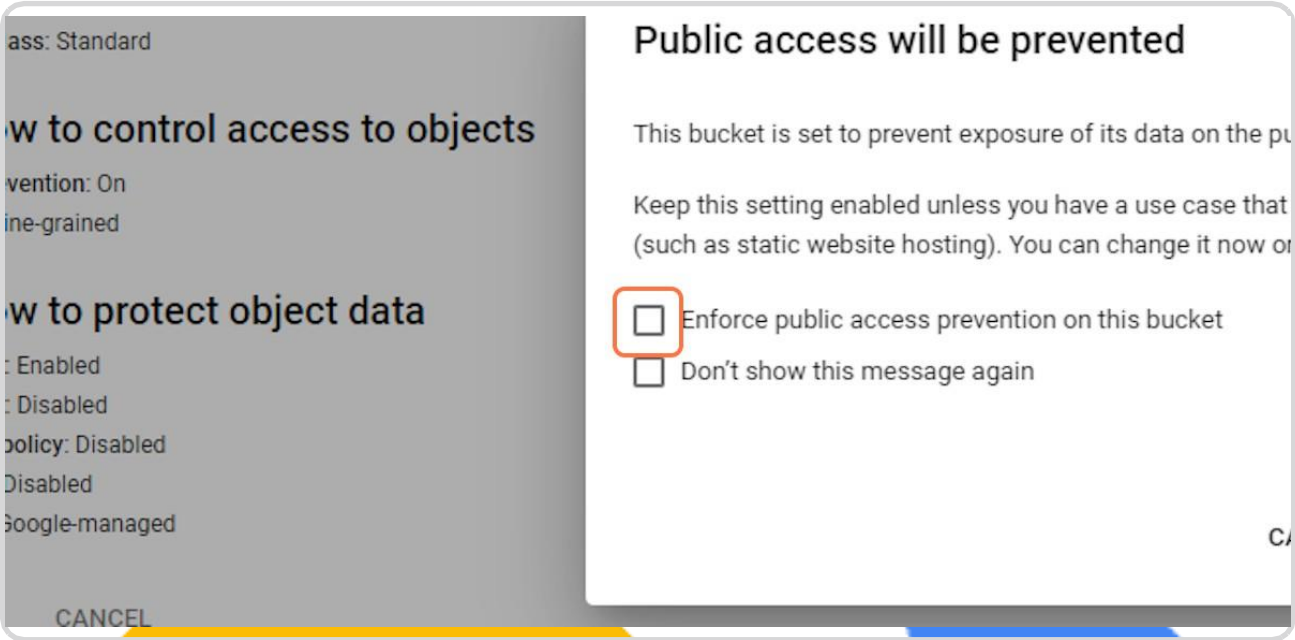
DATA ENCRYPTION

CREATE

CANCEL

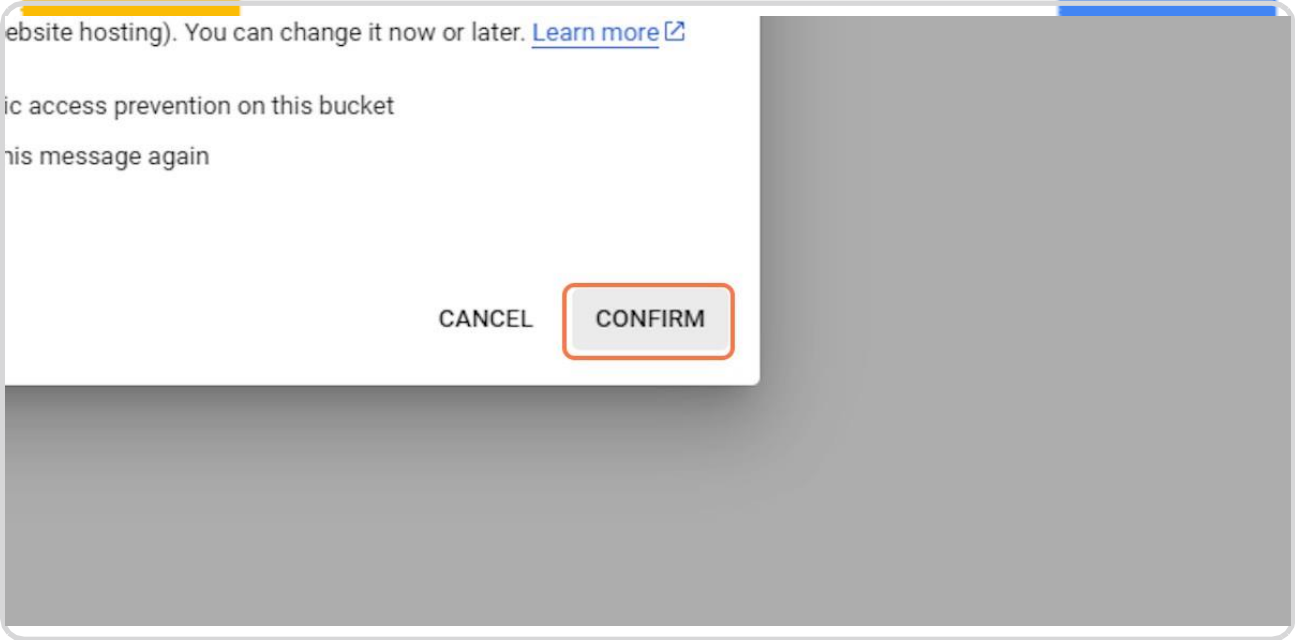
STEP 13

Uncheck Enforce public access prevention on this bucket



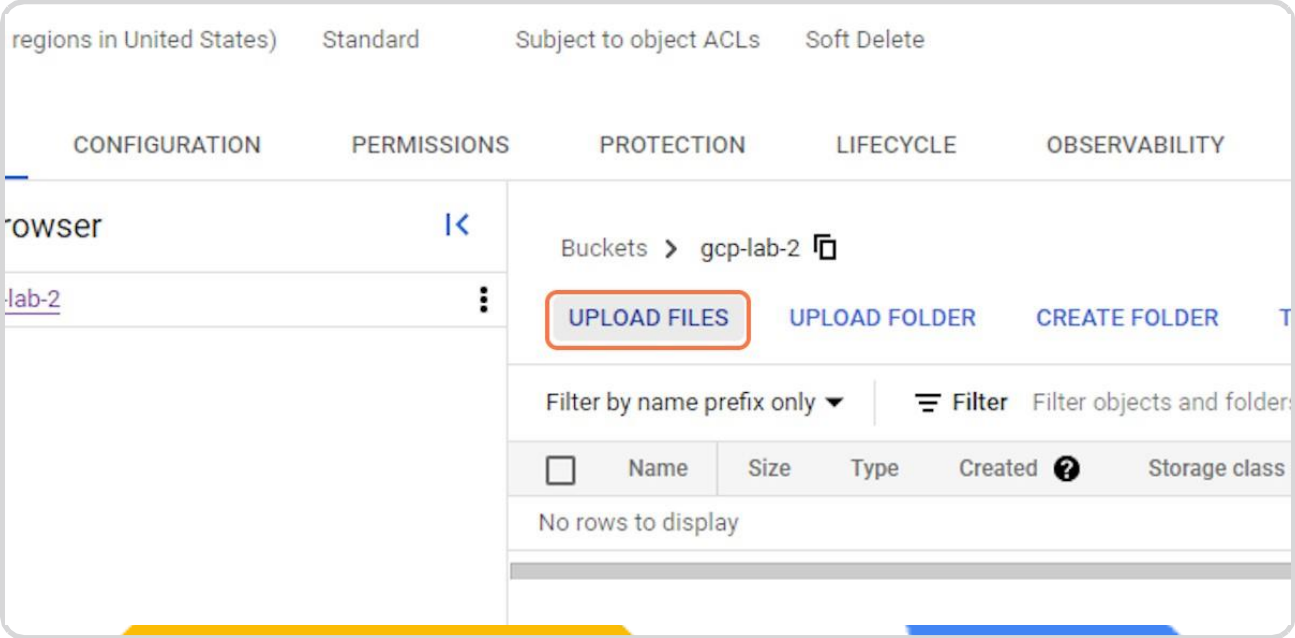
STEP 14

Click on “CONFIRM”



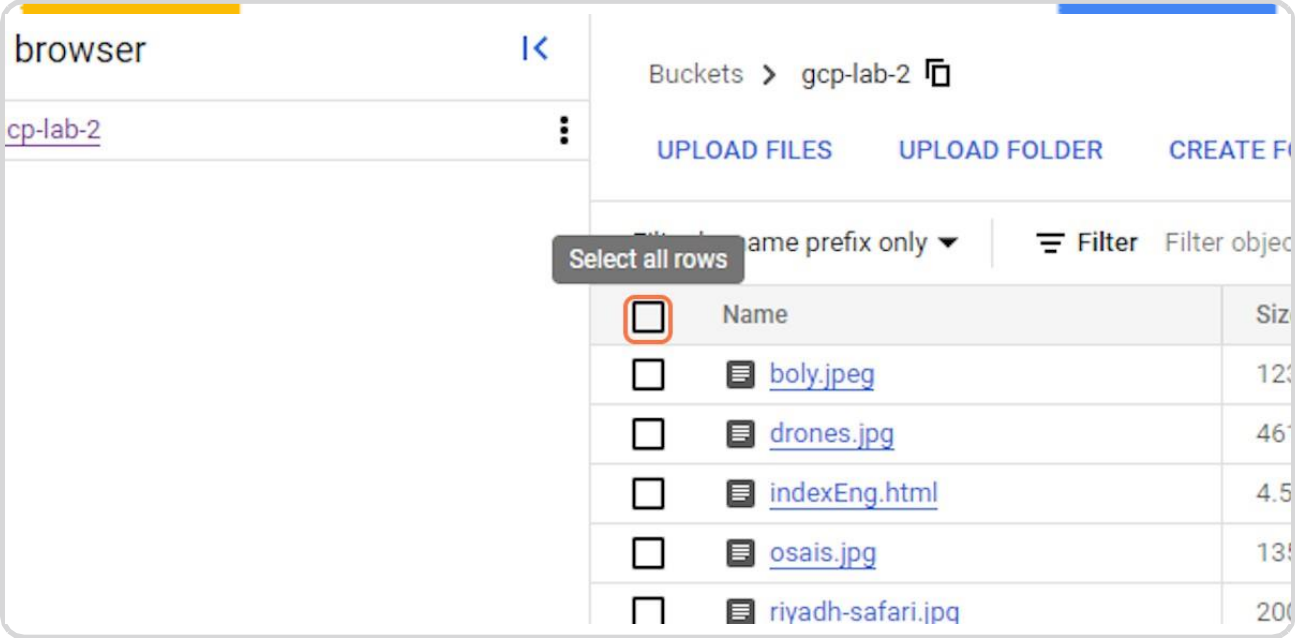
STEP 15

Click on “UPLOAD FILES”



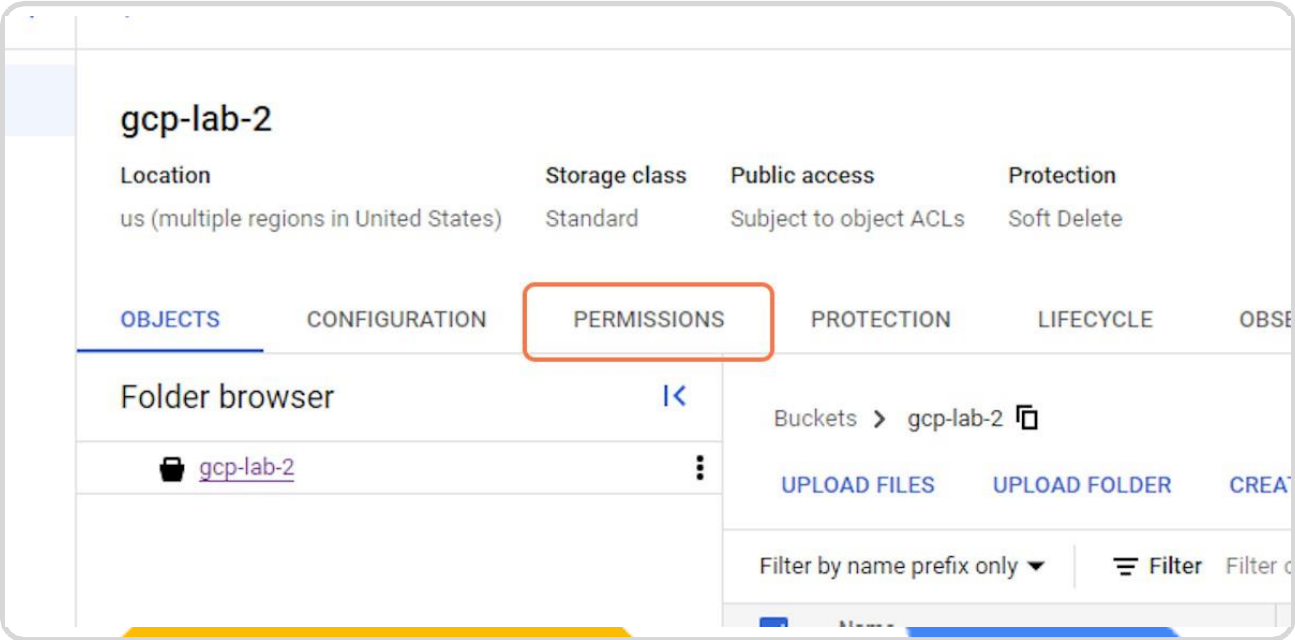
STEP 16

Once the files are uploaded Select all rows



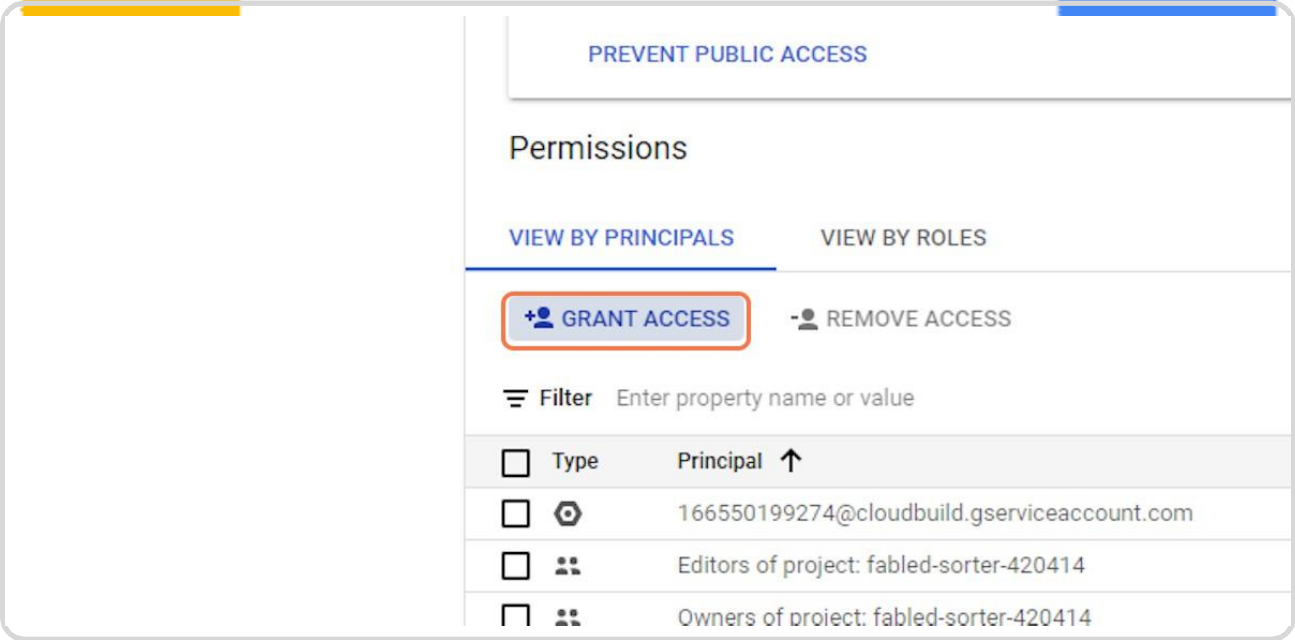
STEP 17

Click on “PERMISSIONS”



STEP 18

Click on “GRANT ACCESS”



STEP 19

Type "allUsers"

Object-level ACLs enabled
can be granted through object-level permissions. A single set of permissions can be granted to a group of users, forming bucket-level access.

Resource
gcp-lab-2

Add principals

Principals are users, groups, domains, or service accounts. [Learn more about principals in IAM](#)

New principals *
allU

- allUsers
- allAuthenticatedUsers

with this resource. [Learn more](#)

Select a role *

IAM condition (optional) ?
IAM conditions disabled

STEP 20

Click on allUsers

Object-level ACLs enabled
can be granted through object-level permissions. A single set of permissions can be granted to a group of users, forming bucket-level access.

Resource
gcp-lab-2

Add principals

Principals are users, groups, domains, or service accounts. [Learn more about principals in IAM](#)

New principals *
allU

- allUsers

Roles are composed of sets of permissions and determine what the principal can do with this resource. [Learn more](#)

Select a role *

IAM condition (optional) ?
IAM conditions disabled

+ ADD ANOTHER ROLE

STEP 21

Click on Select role .

New principals *

allUsers ✕

Assign roles

Roles are composed of sets of permissions and determine what the principal can do with this resource. [Learn more](#)

Select a role *

IAM condition (optional) ?
IAM conditions disabled

+ ADD ANOTHER ROLE

SAVE

CANCEL

STEP 22

Click on Cloud Storage Legacy category contains 5 roles.

Roles are composed of sets of permissions and determine what the principal can do with this resource. [Learn more](#)

Select a role * IAM condition (optional) ?

Filter Filter by role or permission

Cloud migration

Cloud Storage Legacy

Dataflow

Dataproc

Firebase

Firebase Products

IAM

Roles

Storage Legacy Bucket Owner

Storage Legacy Bucket Reader

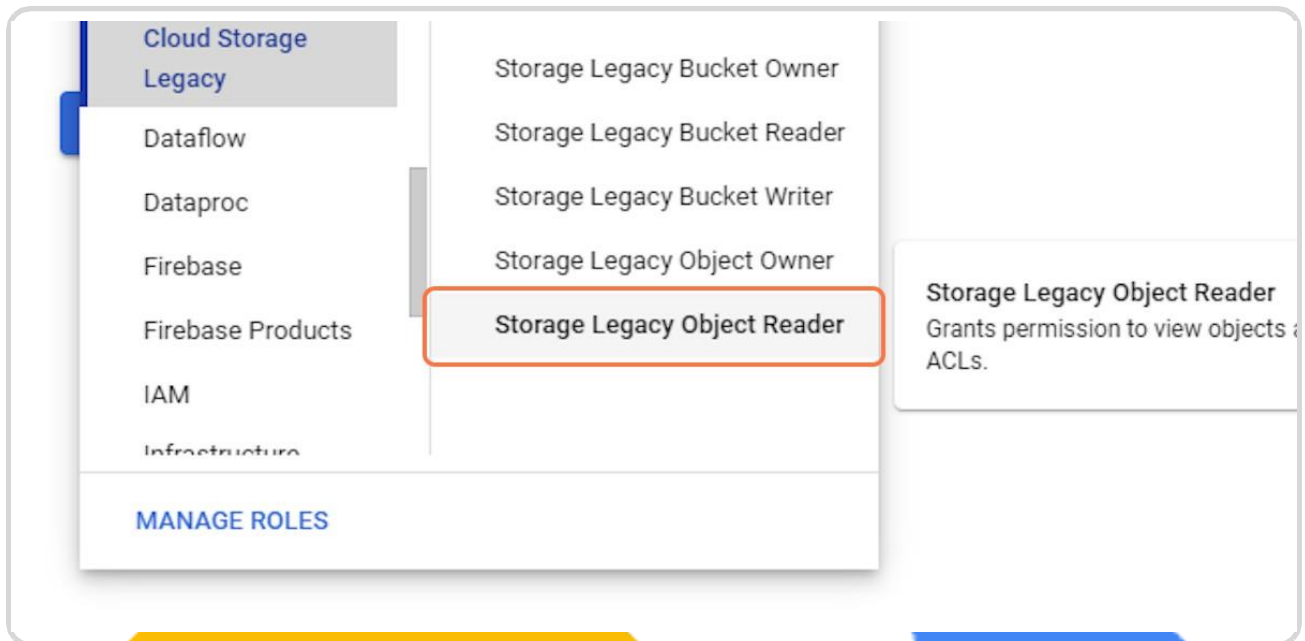
Storage Legacy Bucket Writer

Storage Legacy Object Owner

Storage Legacy Object Reader

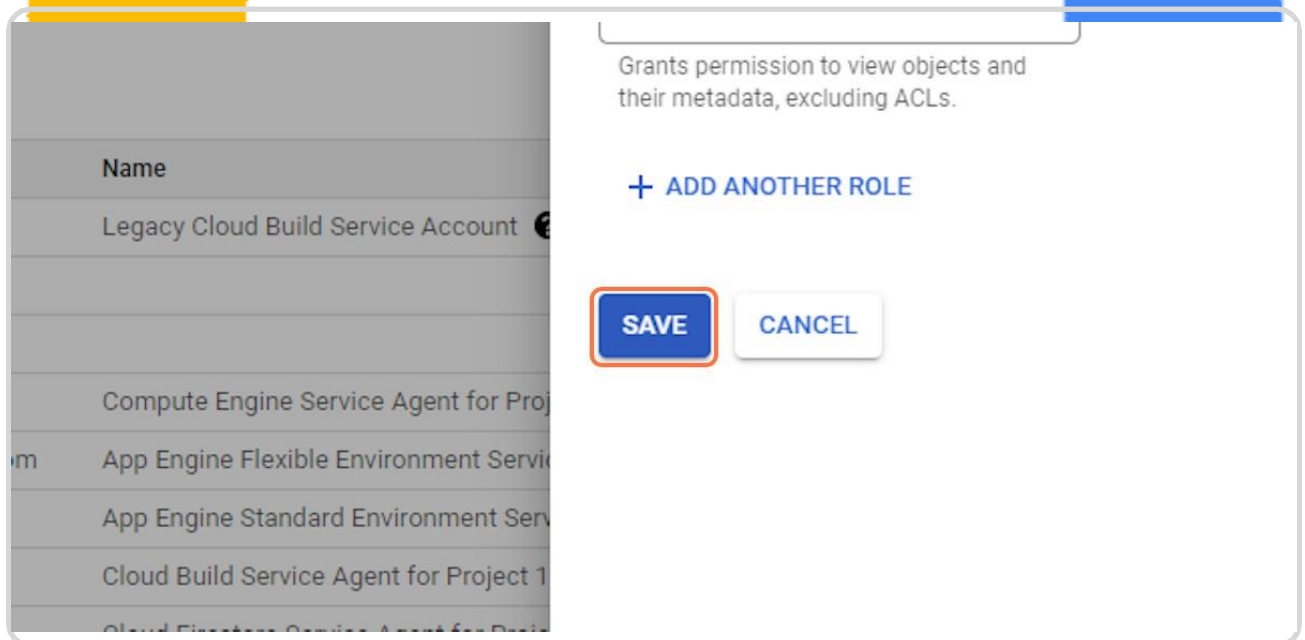
STEP 23

Choose "Storage Legacy Object Reader"



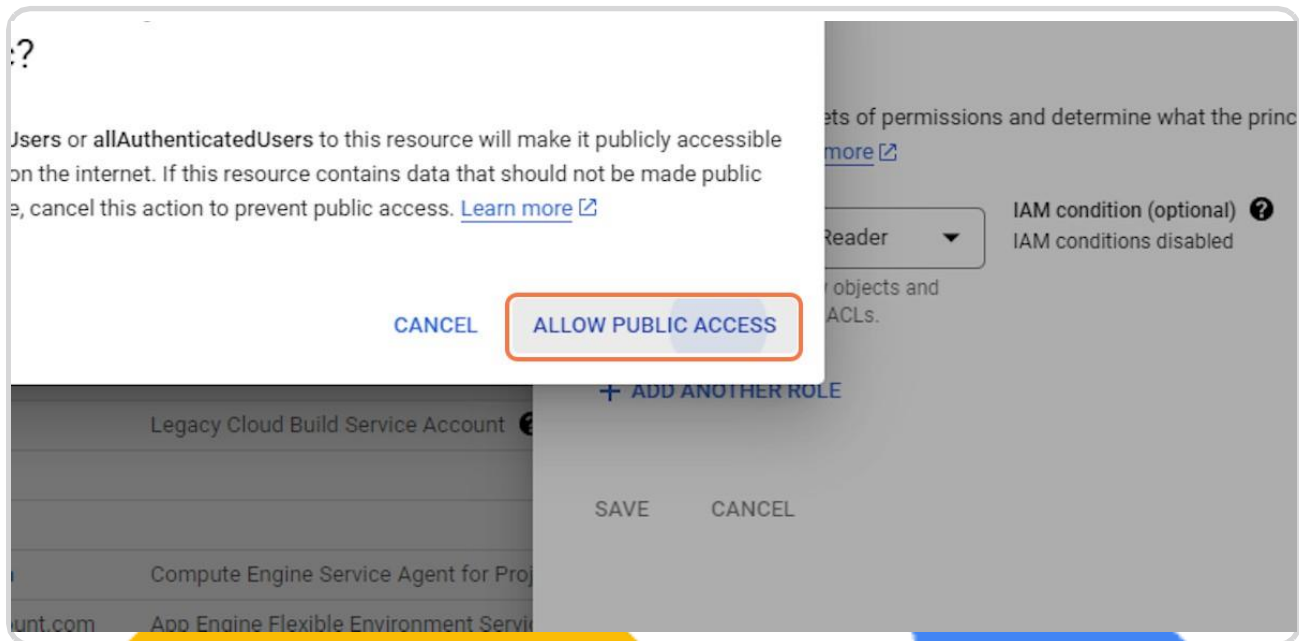
STEP 24

Click on "SAVE"



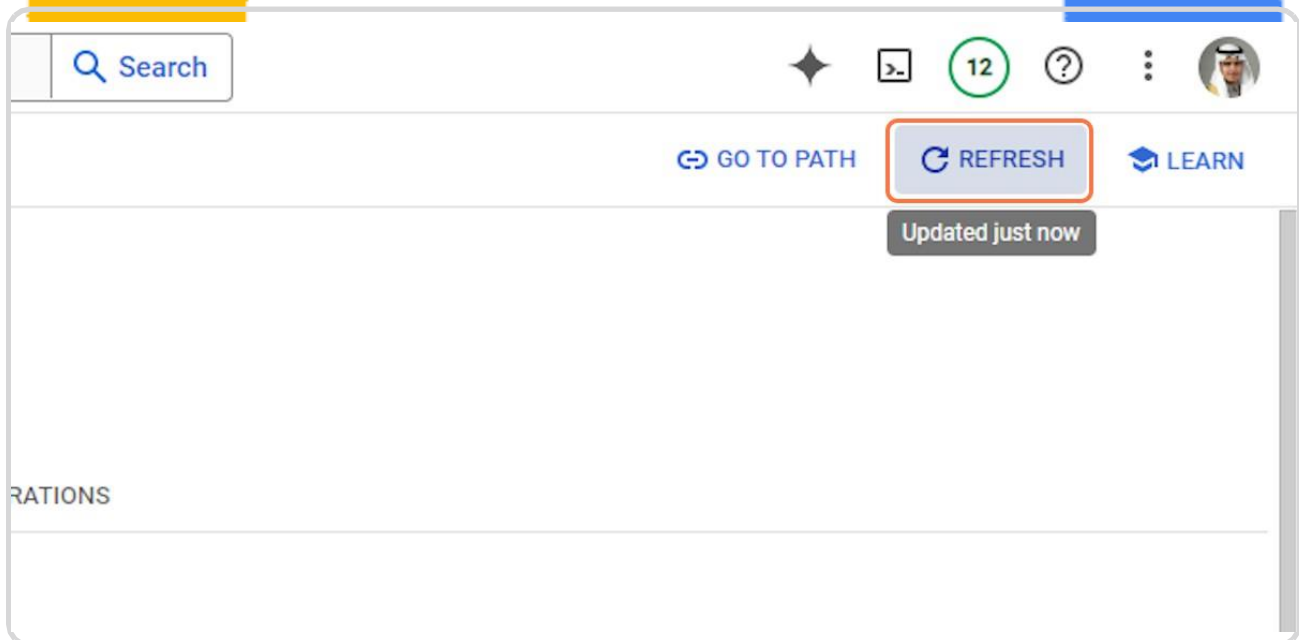
STEP 25

Click on ALLOW PUBLIC ACCESS



STEP 26

Click on "Refresh" to see the updates



STEP 27

Click on "Copy URL"

Show **Live objects only** ▾

☰

Storage class	Last modified	Public access ?	Version	
Standard	Apr 30, 2024, 6:09:43 PM	⚠ Public to internet	Copy URL	— ⬇ ⋮
Standard	Apr 30, 2024, 6:09:43 PM	⚠ Public to internet	Copy URL	— ⬇ ⋮
Standard	Apr 30, 2024, 6:03:40 PM	⚠ Public to internet	Copy URL	— ⬇ ⋮
Standard	Apr 30, 2024, 6:09:43 PM	⚠ Public to internet	Copy public URL	— ⬇ ⋮
Standard	Apr 30, 2024, 6:09:45 PM	⚠ Public to internet	Copy URL	— ⬇ ⋮
Standard	Apr 30, 2024, 6:09:44 PM	⚠ Public to internet	Copy URL	— ⬇ ⋮
Standard	Apr 30, 2024, 6:09:47 PM	⚠ Public to internet	Copy URL	— ⬇ ⋮

STEP 28

Click on the dropdown trigger.

DISMISS

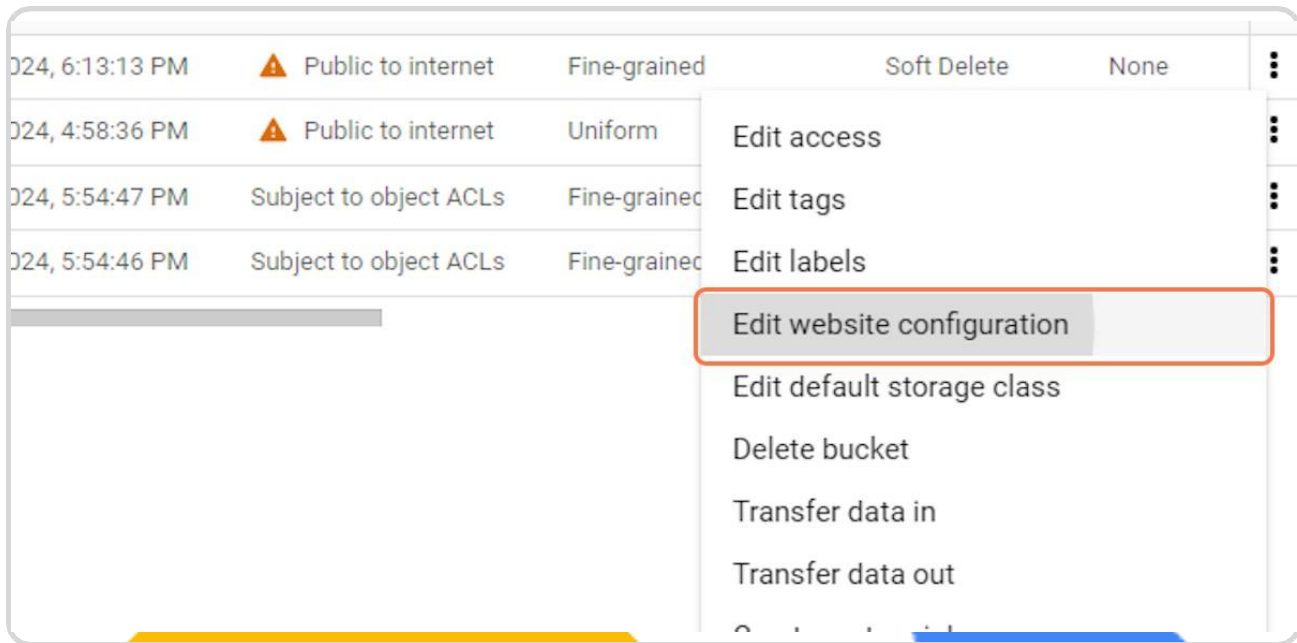
?

☰

	Public access ? ↑	Access control ?	Protection ?	Bucket retent	
, 6:13:13 PM	⚠ Public to internet	Fine-grained	Soft Delete	None	⋮
, 4:58:36 PM	⚠ Public to internet	Uniform	Soft Del	More actions for gcp-lab-2	
, 5:54:47 PM	Subject to object ACLs	Fine-grained	Soft Delete	None	⋮
, 5:54:46 PM	Subject to object ACLs	Fine-grained	Soft Delete	None	⋮

STEP 29

Click on "Edit website configuration."



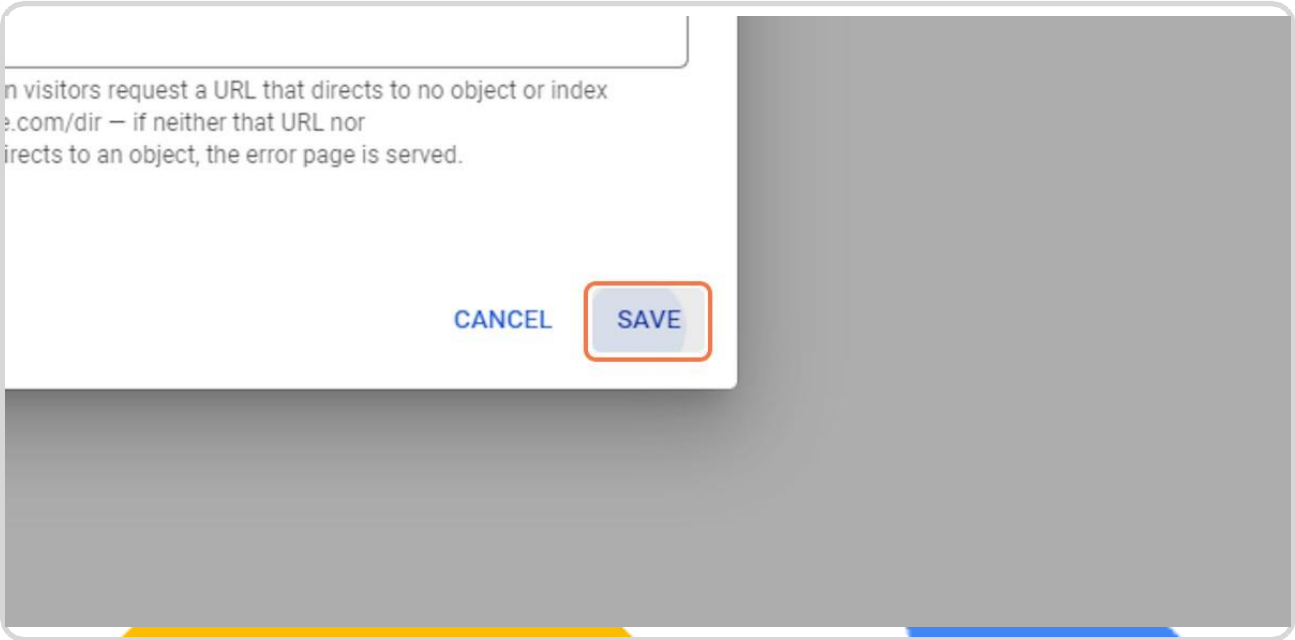
STEP 30

Type "indexEng.html"



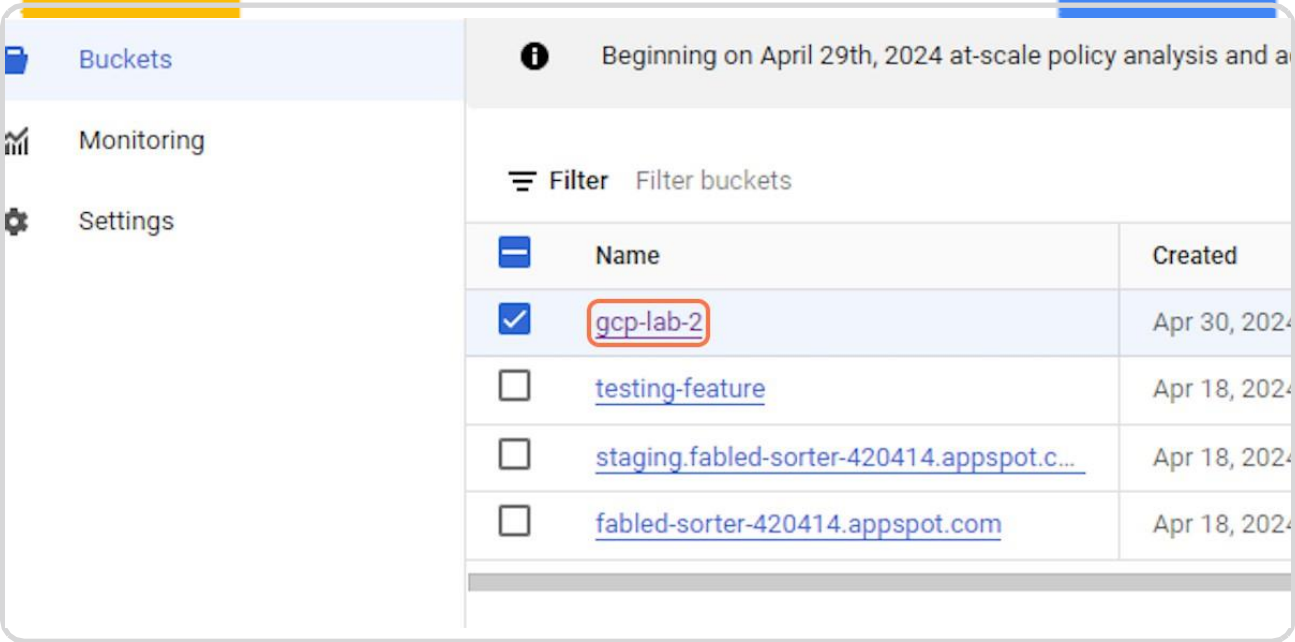
STEP 31

Click on "SAVE"



STEP 32

Click on gcp-lab-2

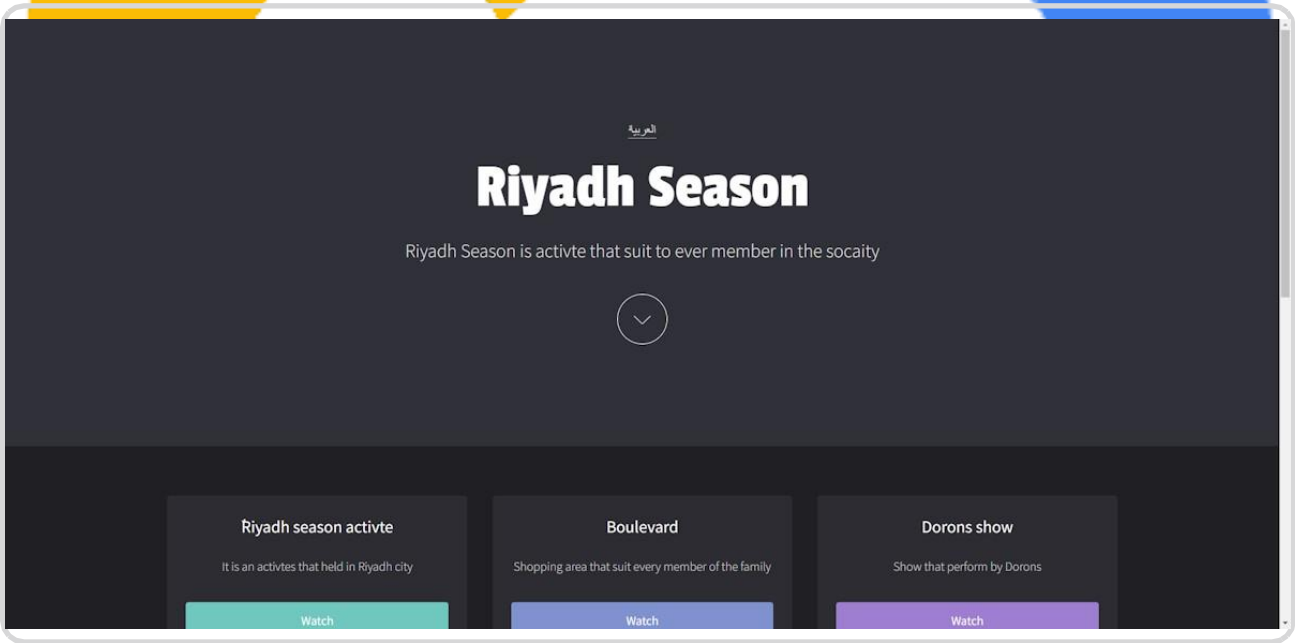


STEP 33

Click on "Copy URL"

Standard	Apr 30, 2024, 6:21:31 PM	⚠ Public to internet	Copy URL	—	⬇ ⋮
—	—	—	—	—	⋮
Standard	Apr 30, 2024, 6:09:43 PM	⚠ Public to internet	Copy URL	—	⬇ ⋮
Standard	Apr 30, 2024, 6:09:43 PM	⚠ Public to internet	Copy URL	—	⬇ ⋮
Standard	Apr 30, 2024, 6:26:05 PM	⚠ Public to internet	Copy URL	—	⬇ ⋮
Standard	Apr 30, 2024, 6:26:05 PM	⚠ Public to internet	Copy URL	—	⬇ ⋮
Standard	Apr 30, 2024, 6:09:43 PM	⚠ Public to internet	Copy public URL	—	⬇ ⋮
Standard	Apr 30, 2024, 6:09:45 PM	⚠ Public to internet	Copy URL	—	⬇ ⋮
Standard	Apr 30, 2024, 6:09:44 PM	⚠ Public to internet	Copy URL	—	⬇ ⋮
Standard	Apr 30, 2024, 6:09:47 PM	⚠ Public to internet	Copy URL	—	⬇ ⋮

STEP 34



And here is your website

