






Google Cloud Platform Project

Deploy your Static Server on Google Cloud (Cloud Storage)

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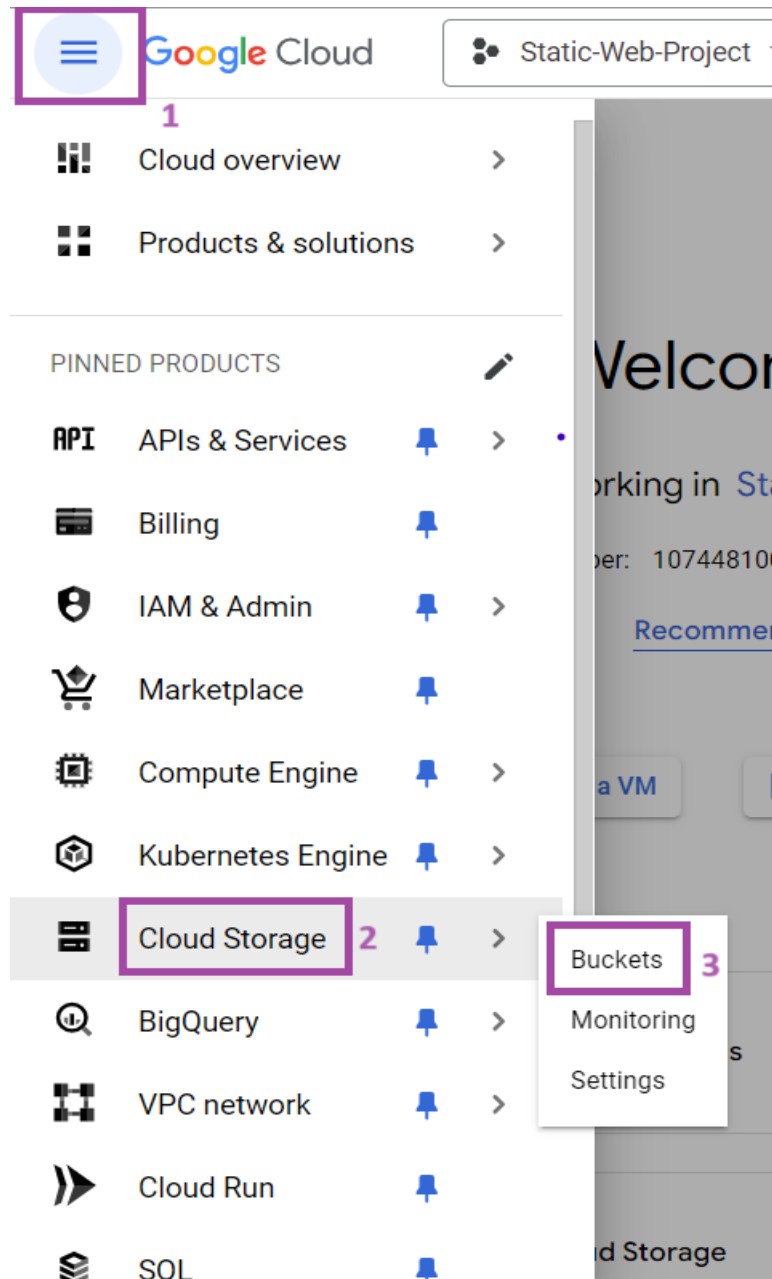
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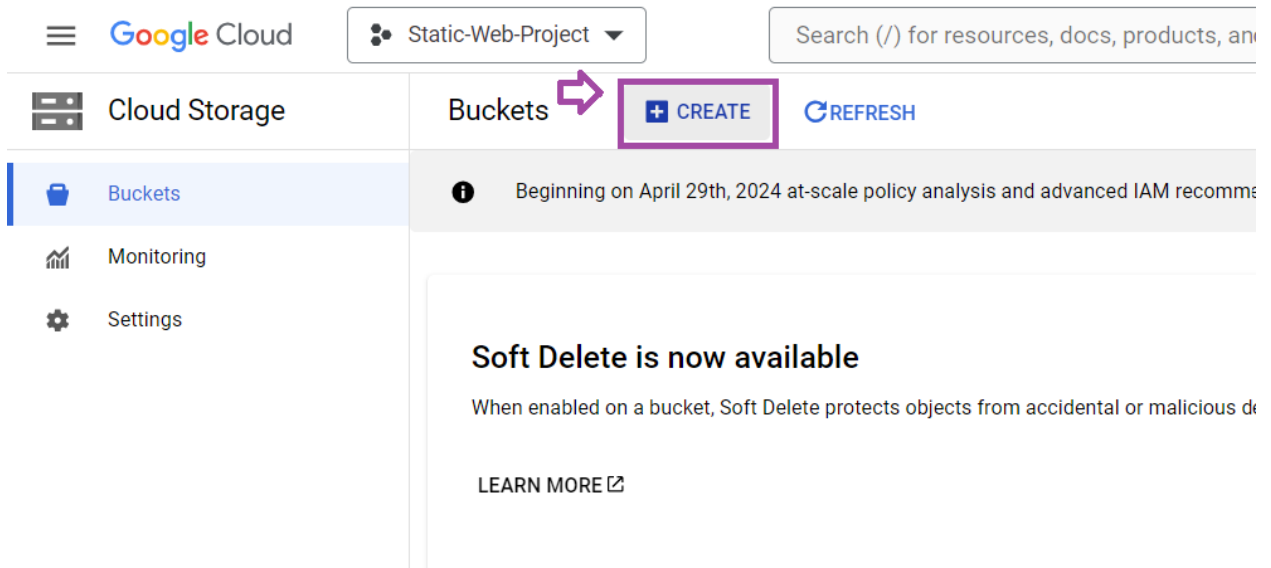


General Instructions

- 1- Make your own GCP account.
Through URL: <https://cloud.google.com/>
- 2- After you make your account go to cloud storage and create your first bucket.



Create Bucket



Google Cloud Static-Web-Project Search (/) for resources, docs, products, and

Cloud Storage Buckets **+ CREATE** REFRESH

Buckets

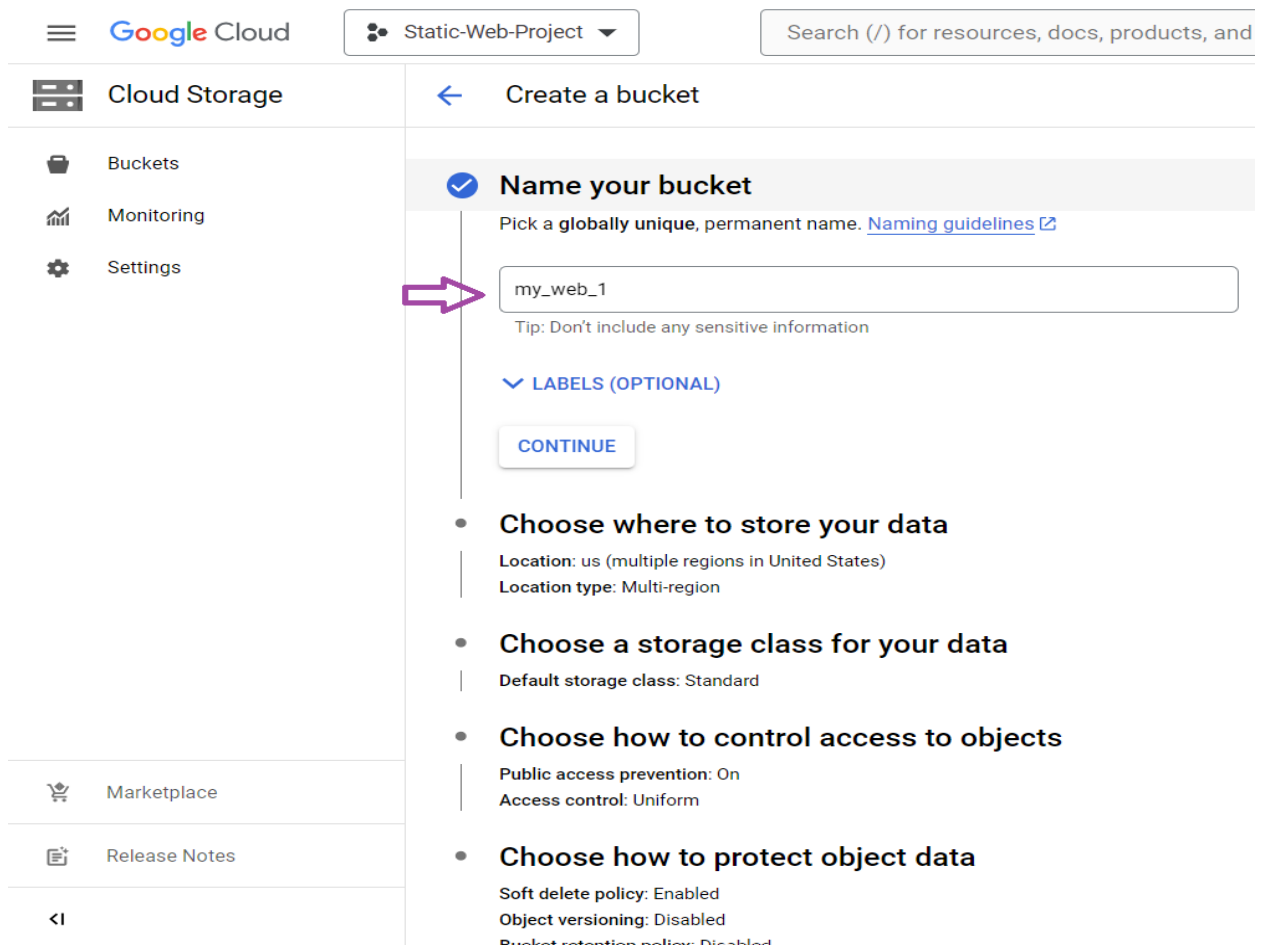
- Monitoring
- Settings

Soft Delete is now available

When enabled on a bucket, Soft Delete protects objects from accidental or malicious deletion.

[LEARN MORE](#)

Set a name for bucket



Google Cloud Static-Web-Project Search (/) for resources, docs, products, and

Cloud Storage Create a bucket

Name your bucket

Pick a globally unique, permanent name. [Naming guidelines](#)

my_web_1

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**
 - Default storage class: Standard
- Choose how to control access to objects**
 - Public access prevention: On
 - Access control: Uniform
- Choose how to protect object data**
 - Soft delete policy: Enabled
 - Object versioning: Disabled
 - Bucket retention policy: Disabled



Choose Region

Static-Web-Project

Search (/) for resources, docs, products, and more

Cloud Storage

Buckets

Monitoring

Settings

Marketplace

Release Notes

<|

Create a bucket

my_web_1

Tip: Don't include any sensitive information

LABELS (OPTIONAL)

CONTINUE

Choose where to store your data

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

Location type

☒ Multi-region
Highest availability across largest area

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

☐ Region
Lowest latency within a single region

us (multiple regions in United States)


CONTINUE



Choose a storage class for your data


Default storage class: Standard





Choose Storage Class


 Static-Web-Project ▼


 Cloud Storage 

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 Create a bucket

 Choose where to store your data

Location: us (multiple regions in United States)
Location type: Multi-region

 Choose a storage class for your data


A storage class sets costs for storage, retrieval, and operations, with minimal differences in uptime. Choose if you want objects to be managed automatically or specify a default storage class based on how long you plan to store your data and your workload or use case. [Learn more](#)

☐ Autoclass 

Automatically transitions each object to Standard or Nearline class based on object-level activity, to optimize for cost and latency. Recommended if usage frequency may be unpredictable. Can be changed to a default class at any time. [Pricing details](#)

☒ Set a default class

Applies to all objects in your bucket unless you manually modify the class per object or set object lifecycle rules. Best when your usage is highly predictable.

☒ Standard 

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 quarter

☐ Archive

Best for long-term digital preservation of data accessed less than once a year

CONTINUE

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Access control setting

Google Cloud

Static-Web-Project

Search (/) for resources, docs, products, and more

Cloud Storage

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Settings

Create a bucket

Location: us (multiple regions in United States)
Location type: Multi-region

Choose a storage class for your data

Default storage class: Standard

Choose how to control access to objects

Prevent public access

Restrict data from being publicly accessible via the internet. Will prevent this bucket from being used for web hosting. [Learn more](#)

☒ Enforce public access prevention on this bucket

Access control

☒ Uniform

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

☐ Fine-grained

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

CONTINUE

Marketplace



Data Protection Settings

Google Cloud

Static-Web-Project

Search (/) for resources, docs, products, and more

Cloud Storage

Buckets

Monitoring

Settings

Marketplace

Release Notes

Create a bucket

Public access prevention: On
Access control: Uniform

- Choose how to protect object data

Your data is always protected with Cloud Storage but you can also choose from these additional data protection options to add extra layers of security.

Data protection

☒ Soft delete policy (For data recovery)
When enabled, deleted objects will be kept for a specified period after they're deleted and can be restored during this time. [Learn more](#)

Object retention period

Duration *
7 days

☐ Object versioning (For version control)
For restoring deleted or overwritten objects. To minimize the cost of storing versions, we recommend limiting the number of noncurrent versions per object and scheduling them to expire after a number of days. [Learn more](#)

☐ Retention (For compliance)
For preventing the deletion or modification of the bucket's objects for a specified period of time.

DATA ENCRYPTION

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Create Bucket

Google Cloud Static-Web-Project Search (/) for resources, docs, products, and more Search

Cloud Storage Buckets Monitoring Settings

Create a bucket

- ✓ Name your bucket
Name: my_web_1
- ✓ Choose where to store your data
Location: us (multiple regions in United States)
Location type: Multi-region
- ✓ Choose a storage class for your data
Default storage class: Standard
- ✓ Choose how to control access to objects
Public access prevention: On
Access control: Uniform
- ✓ Choose how to protect object data
Soft delete policy: Enabled
Object versioning: Disabled
Bucket retention policy: Disabled
Object retention: Disabled
Encryption type: Google-managed

PROCESSING... CANCEL

Good to know

Location pricing
Storage rates vary depending on the storage class of your data and location of your bucket. [Pricing details](#)

Current configuration: Multi-region / Standard

Item	Cost
us (multiple regions in United States)	\$0.026 per GB-month
With default replication	\$0.020 per GB written

ESTIMATE YOUR MONTHLY COST

Bucket Console:

After we successfully create our first bucket, we'll upload our website by clicking on the "UPLOAD FILES"

Google Cloud Static-Web-Project Search (/) for resources, docs, products, and more Search

Cloud Storage Buckets Monitoring Settings

Bucket details

my_web_1

Location: us (multiple regions in United States) Storage class: Standard Public access: Not public Protection: Soft Delete

OBJECTS CONFIGURATION PERMISSIONS PROTECTION LIFECYCLE OBSERVABILITY INVENTORY REPORTS OPERATIONS

Folder browser

my_web_1

UPLOAD FILES UPLOAD FOLDER CREATE FOLDER TRANSFER DATA MANAGE HOLDS EDIT RETENTION

Filter by name prefix only Filter objects and folders

Name	Size	Type	Created	Storage class	Last modified	Public access	Version history
No rows to display							



Upload your files.

Cloud Storage

Buckets

Monitoring

Settings

Marketplace

Release Notes

<|

Bucket details

GO TO PATH

REFRESH

my_web_1

Location

Storage class

Public access

Protection

us (multiple regions in United States)

Standard

Not public

Soft Delete

OBJECTS

CONFIGURATION

PERMISSIONS

PROTECTION

LIFECYCLE

OBSERVABILITY

INVENTORY REPORTS

OPERATIONS

Folder browser

my_web_1

Upload FILES

Upload FOLDER

Create FOLDER

TRANSFER DATA

MANAGE HOLDS

EDIT RETENTION

DOWNLOAD

DELETE

Filter by name prefix only

Filter

Filter objects and folders

Show Live objects only

Filter icon

<input type="checkbox"/>	Name	Size	Type	Created	Storage class	Last modified	Public access	Version
No rows to display								

3 files successfully uploaded

Uploads and Static-Web-Project operations

Uploading 3 files

index.html

Picture.png

style.css

Complete

Complete

Complete

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Click on permissions and follow the steps:

Cloud Storage

Bucket details

my_web_1

Location: us (multiple regions in United States) | Storage class: Standard | Public access: Not public | Protection: Soft Delete

OBJECTS | CONFIGURATION | **PERMISSIONS** | PROTECTION | LIFECYCLE | OBSERVABILITY | INVENTORY REPORTS | OPERATIONS

Upload Files | Upload Folder | Create Folder | Transfer Data | Manage Holds | Edit Retention | Download | Delete

Name	Size	Type	Created	Storage class	Last modified	Public
Picture.png	5 KB	image/png	Apr 29, 2024, 1:49:19 AM	Standard	Apr 29, 2024, 1:49:19 AM	Not
index.html	679 B	text/html	Apr 29, 2024, 1:49:19 AM	Standard	Apr 29, 2024, 1:49:19 AM	Not
style.css	1,005 B	text/css	Apr 29, 2024, 1:49:19 AM	Standard	Apr 29, 2024, 1:49:19 AM	Not

Click on “GRANT ACCESS”.

Cloud Storage

Bucket details

Principals restricted from bucket access: allUsers, allAuthenticatedUsers

REMOVE PUBLIC ACCESS PREVENTION

cannot have their own access control lists (ACLs). To allow per object access, you can switch to fine-grained access within 90 days. [Learn more](#)

SWITCH TO FINE-GRAINED

Permissions

VIEW BY PRINCIPALS | VIEW BY ROLES

GRANT ACCESS | REMOVE ACCESS

Filter: Enter property name or value

Type	Principal	Name	Role
	Editors of project: static-web-project-421221	Storage Legacy Bucket Owner	
		Storage Legacy Object Owner	
	Owners of project: static-web-project-421221	Storage Legacy Bucket Owner	
		Storage Legacy Object Owner	
	Viewers of project: static-web-project-421221	Storage Legacy Bucket Reader	
		Storage Legacy Object Reader	

in new principal choose “allUsers”.



Add principals

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

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) ?

+ ADD IAM CONDITION

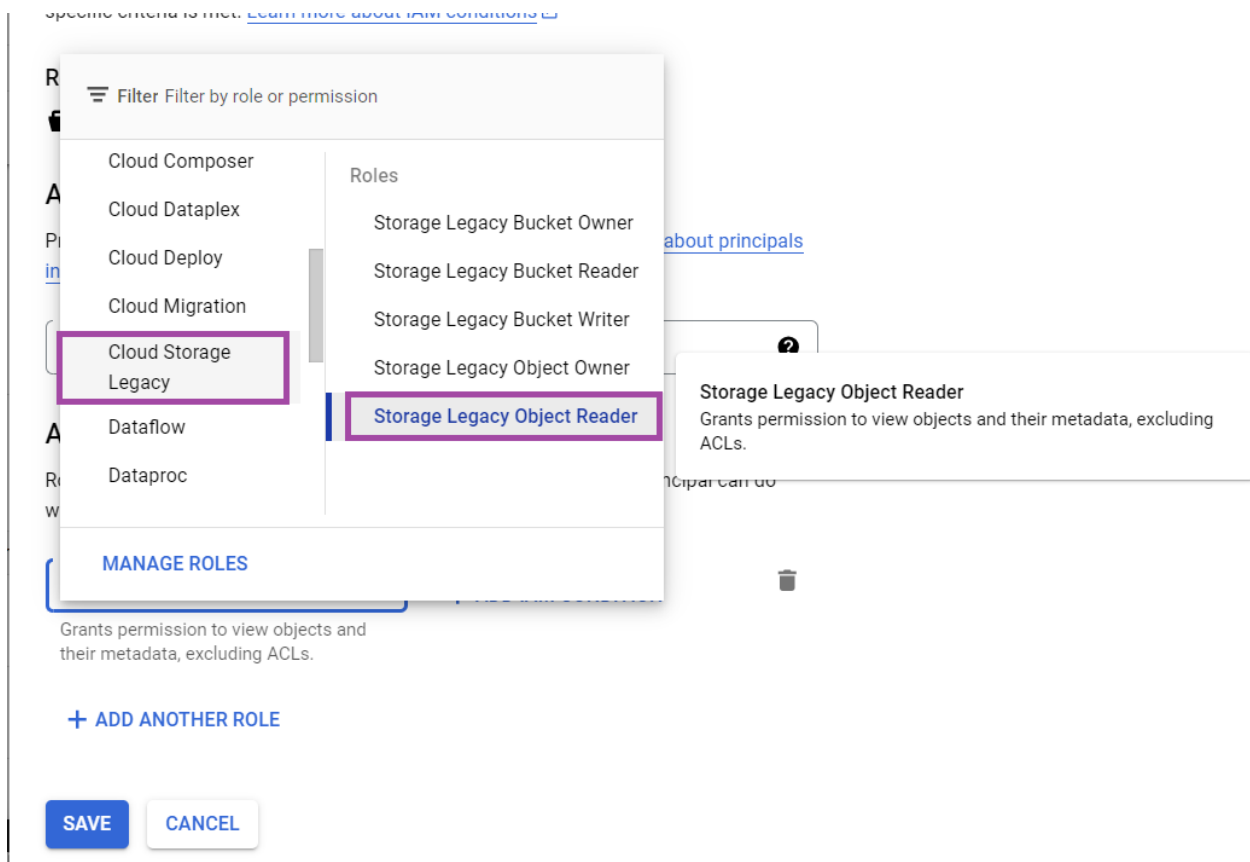
+ ADD ANOTHER ROLE

SAVE

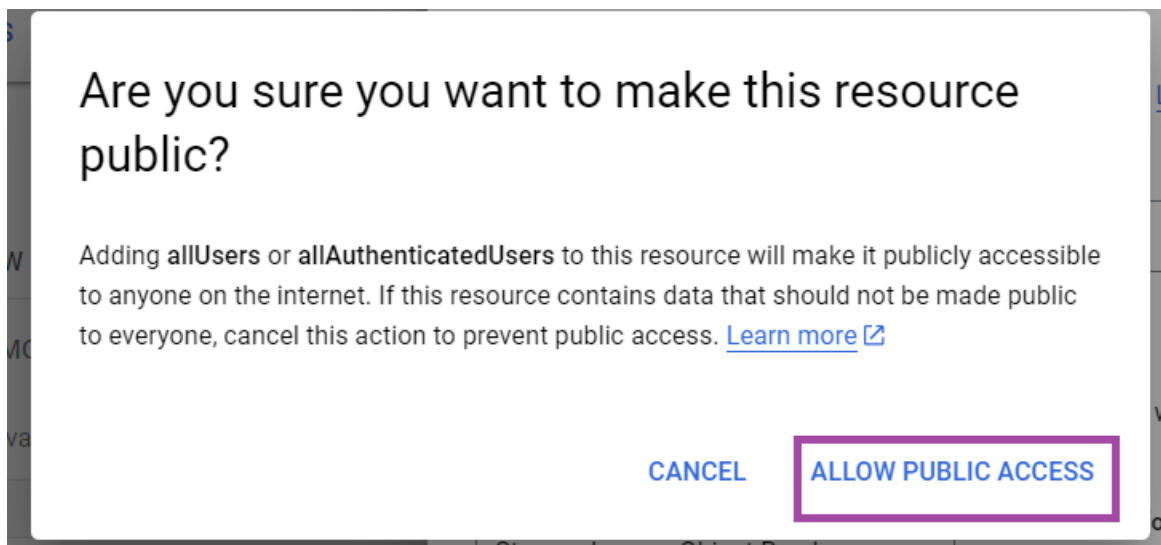
CANCEL

Select the role:





After that click save and allow public access:



After refreshing you will see that the website is now public



my_web_1

Location

us (multiple regions in United States)

Storage class

Standard

Public access

Public to internet

Protection

Soft Delete

OBJECTS

CONFIGURATION

PERMISSIONS

PROTECTION

LIFECYCLE

OBSERVABILITY

INVENTORY REPORTS

OPERATIONS

Public access

Public to internet

One or more bucket-level permissions grant access to everyone on the internet (allUsers) or anyone signed into a Google account (allAuthenticatedUsers). If this bucket should not be publicly accessible, remove these public permissions or prevent public access to this bucket. [Learn more](#)

PREVENT PUBLIC ACCESS

Access control

Uniform: No object-level ACLs enabled

76 days left to change this setting

All object access is controlled by bucket permissions and objects cannot have their own access control lists (ACLs). To allow per-object access, you can switch to fine-grained access within 90 days. [Learn more](#)

SWITCH TO FINE-GRAINED

Permissions

VIEW BY PRINCIPALS

VIEW BY ROLES

GRANT ACCESS

REMOVE ACCESS

Filter

Enter property name or value

Type	Principal	Name	Role
	allUsers		Storage Legacy Object Reader

Configuration:

Now return to the bucket, select the 3 dots button and do the following:

1.

Bucket details

GO TO PATH

REFRESH

LEARN

my_web_1

Location

us (multiple regions in United States)

Storage class

Standard

Public access

Public to internet

Protection

Soft Delete

OBJECTS

CONFIGURATION

PERMISSIONS

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OBSERVABILITY

INVENTORY REPORTS

OPERATIONS

Buckets > my_web_1

UPLOAD FILES

UPLOAD FOLDER

CREATE FOLDER

TRANSFER DATA

MANAGE HOLDS

EDIT RETENTION

DOWNLOAD

DELETE

Filter by name prefix only

Filter

Filter objects and folders

Show Live objects only

	Name	Size	Type	Created	Storage class	Last modified	Public access	
	Picture.png	5 KB	image/png	Apr 29, 2024, 1:49:19 AM	Standard	Apr 29, 2024, 1:49:19 AM	Public to internet	Copy URL
	index.html	679 B	text/html	Apr 29, 2024, 1:49:19 AM	Standard	Apr 29, 2024, 1:49:19 AM	Public to internet	Copy URL
	style.css	1,005 B	text/css	Apr 29, 2024, 1:49:19 AM	Standard	Apr 29, 2024, 1:49:19 AM	Public to internet	Copy URL



2.

Buckets [+ CREATE](#) [REFRESH](#) [GO TO PATH](#) [LEARN](#)

Soft Delete is now available
When enabled on a bucket, Soft Delete protects objects from accidental or malicious deletions. A 7 day Soft Delete policy has been added to all existing buckets. This is the default policy for new buckets.
[LEARN MORE](#)

Filter Filter buckets

<input type="checkbox"/>	Name ↑	Created	Location type	Location	Default storage class ?	Last modified	Public access ?	Access control ?	⋮
<input type="checkbox"/>	my_web_1	Apr 26, 2024, 2:46:32 PM	Multi-region	us	Standard	May 10, 2024, 4:16:25 PM	⚠ Public to internet	Uniform	⋮

[More actions for my_web_1](#)

3.

Google Cloud Static-Web-Project [Search](#)

Cloud Storage **Buckets** [+ CREATE](#) [REFRESH](#)

Soft Delete is now available
When enabled on a bucket, Soft Delete protects objects from accidental or malicious deletions. A 7 day Soft Delete policy has been added to all existing buckets. This is the default policy for new buckets.
[LEARN MORE](#)

Filter Filter buckets

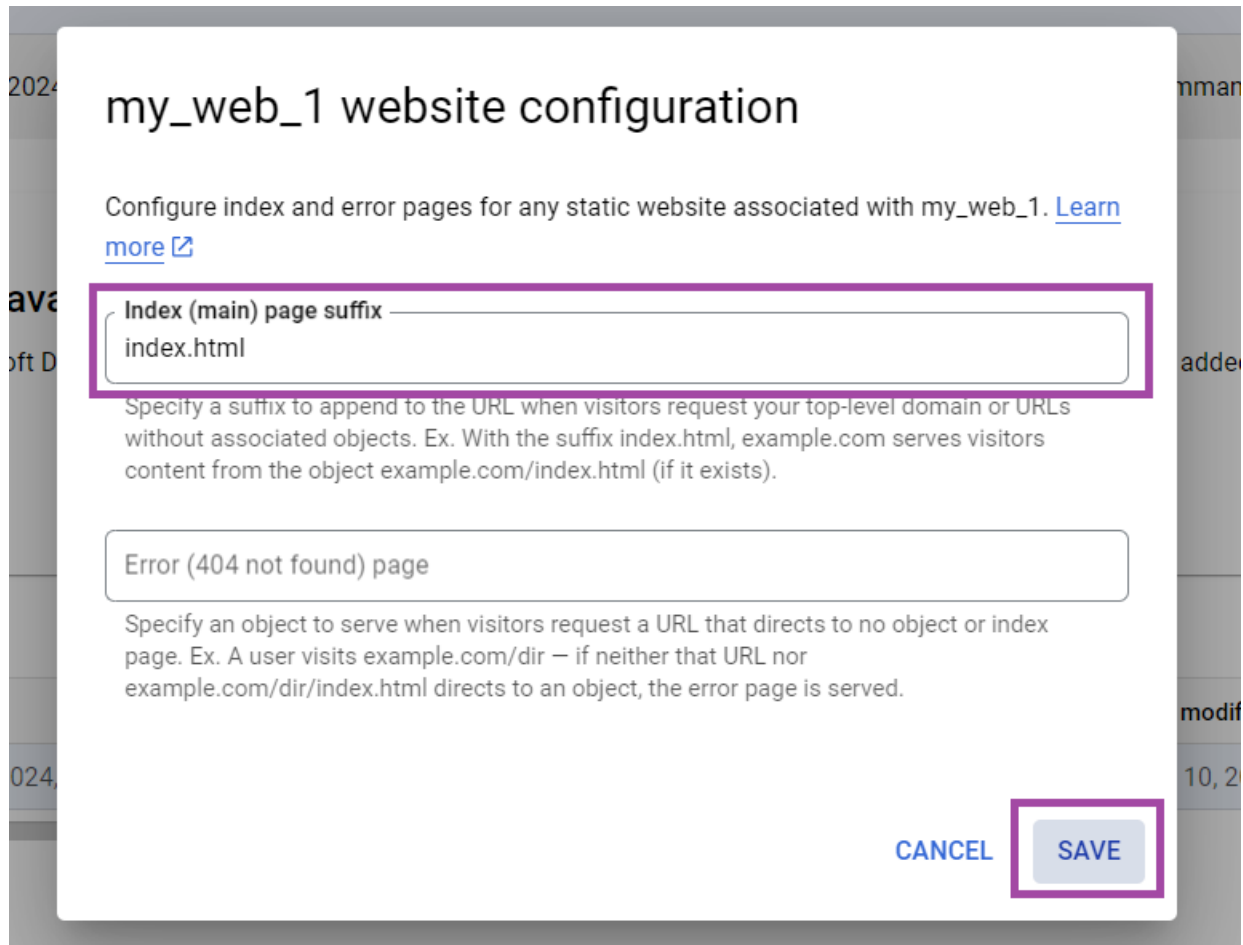
<input type="checkbox"/>	Name ↑	Created	Location type	Location	Default storage class ?	Last modified	Public access ?	Access control ?	⋮
<input type="checkbox"/>	my_web_1	Apr 26, 2024, 2:46:32 PM	Multi-region	us	Standard	May 10, 2024, 4:16:25 PM	⚠ Public to internet	Uniform	⋮

[More actions for my_web_1](#)

- Edit access
- Edit tags
- Edit labels
- Edit website configuration**
- Edit default storage class
- Delete bucket
- Transfer data in
- Transfer data out
- Create restore job
- Export to Cloud Pub/Sub [↗](#)
- Process with Cloud Functions
- Scan with Sensitive Data Protection [↗](#)



4. Write the main file and click save.



my_web_1 website configuration

Configure index and error pages for any static website associated with my_web_1. [Learn more](#)

Index (main) page suffix
index.html

Specify a suffix to append to the URL when visitors request your top-level domain or URLs without associated objects. Ex. With the suffix index.html, example.com serves visitors content from the object example.com/index.html (if it exists).

Error (404 not found) page

Specify an object to serve when visitors request a URL that directs to no object or index page. Ex. A user visits example.com/dir — if neither that URL nor example.com/dir/index.html directs to an object, the error page is served.

CANCEL **SAVE**



4. Finally, go to your index.html and copy the URL.

Cloud Storage [← Bucket details](#) [GO TO PATH](#) [REFRESH](#) [LEARN](#)

Buckets

Monitoring

Settings

my_web_1

Location: us (multiple regions in United States) | Storage class: Standard | Public access: Public to internet | Protection: Soft Delete

OBJECTS | CONFIGURATION | PERMISSIONS | PROTECTION | LIFECYCLE | OBSERVABILITY | INVENTORY REPORTS | OPERATIONS

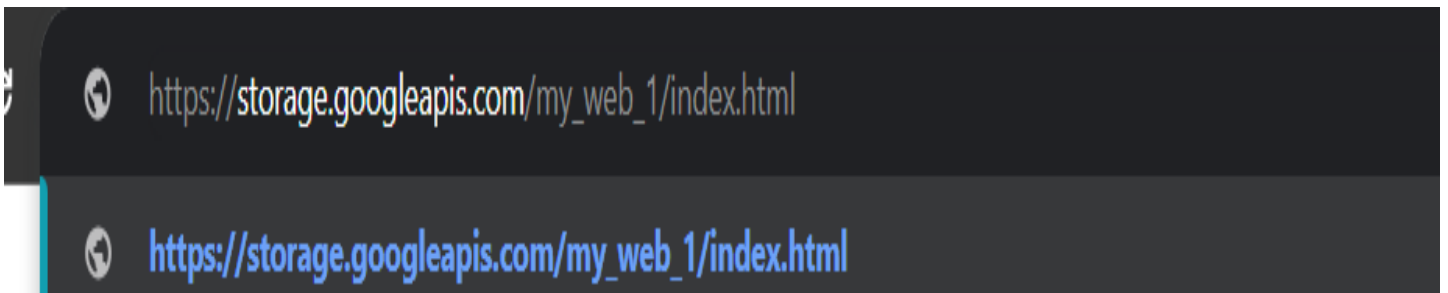
[Buckets](#) > [my_web_1](#)

[UPLOAD FILES](#) | [UPLOAD FOLDER](#) | [CREATE FOLDER](#) | [TRANSFER DATA](#) | [MANAGE HOLDS](#) | [EDIT RETENTION](#) | [DOWNLOAD](#) | [DELETE](#)

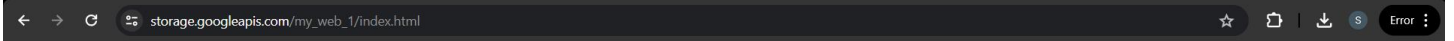
Filter by name prefix only Filter objects and folders [Show Live objects only](#)

<input type="checkbox"/>	Name	Size	Type	Created	Storage class	Last modified	Public access	
<input type="checkbox"/>	Picture.png	5 KB	image/png	Apr 29, 2024, 1:49:19 AM	Standard	Apr 29, 2024, 1:49:19 AM	Public to internet	Copy URL
<input type="checkbox"/>	index.html	679 B	text/html	Apr 29, 2024, 1:49:19 AM	Standard	Apr 29, 2024, 1:49:19 AM	Public to internet	Copy URL
<input type="checkbox"/>	style.css	1,005 B	text/css	Apr 29, 2024, 1:49:19 AM	Standard	Apr 29, 2024, 1:49:19 AM	Public to internet	Copy public URL

Marketplace



Congratulations



Congratulations

Now you have static website on Google Cloud

Good Luck!

