

Create buckets in which you store your data.

[\(/storage/docs/creating-buckets\)](#)

List the buckets that are part of your Google Cloud project.

[\(/storage/docs/listing-buckets\)](#)

Get the properties of a bucket.

[\(/storage/docs/getting-bucket-information\)](#)

Change the overall storage class of a bucket. By default, new objects uploaded to the bucket are set to this storage class.

[\(/storage/docs/changing-default-storage-class\)](#)

Learn how to move or rename your bucket.

[\(/storage/docs/moving-buckets\)](#)

Delete a bucket.

[\(/storage/docs/deleting-buckets\)](#)

Store objects in your Cloud Storage bucket.

(/storage/docs/uploading-objects)

List the objects stored in your Cloud Storage bucket.

(/storage/docs/listing-objects)

Access objects in your Cloud Storage bucket.

(/storage/docs/downloading-objects)

Rename, copy, and move objects within and between Cloud Storage buckets.

(/storage/docs/renaming-copying-moving-objects)

Change the storage class of individual objects within your bucket.

(/storage/docs/changing-storage-classes)

Work with the metadata for objects stored in Cloud Storage.

(/storage/docs/viewing-editing-metadata)

Combine multiple source objects to create a composite object.

[\(/storage/docs/composing-objects\)](#)

Learn how to perform a resumable upload with the JSON API and XML API.

[\(/storage/docs/performing-resumable-uploads\)](#)

Stream data to and from Cloud Storage.

[\(/storage/docs/streaming\)](#)

Remove objects from your Cloud Storage bucket.

[\(/storage/docs/deleting-objects\)](#)

Add, view, edit, and remove labels for a bucket.

[\(/storage/docs/using-bucket-labels\)](#)

Set your bucket to automatically delete or change the storage class of objects within it when specified criteria are met.

[\(/storage/docs/managing-lifecycles\)](#)

Set your bucket to retain older versions of your objects when they are deleted or overwritten.

(/storage/docs/using-object-versioning)

Set your bucket to require that requesters include a project ID for billing charges associated with accessing your data.

(/storage/docs/using-requester-pays)

Add a retention policy to your bucket that prevents objects within the bucket from being overwritten or deleted for a set period of time. Lock your bucket to prevent the retention policy from being reduced or removed.

(/storage/docs/using-bucket-lock)

Add holds to your objects that prevent them from being overwritten or deleted while the hold is in place.

(/storage/docs/holding-objects)

Encrypt data on the server side using your own encryption keys.

(/storage/docs/encryption/using-customer-supplied-keys)

Encrypt data on the server side using encryption keys that you manage.

(/storage/docs/encryption/using-customer-managed-keys)

Create, disable, and delete HMAC keys for service accounts.

(/storage/docs/authentication/managing-hmackeys)

Make objects you control publicly readable.

(/storage/docs/access-control/making-data-public)

Use Identity and Access Management (IAM) permissions to give users access to buckets and objects.

(/storage/docs/access-control/using-iam-permissions)

Use uniform bucket-level access to prevent permissions from being granted at the object level.

(/storage/docs/using-uniform-bucket-level-access)

Use access control lists to give users specific types of access to buckets and data.

(/storage/docs/access-control/create-manage-lists)

Follow several different scenarios for controlling access to your data.

(/storage/docs/collaboration)

Create signed URLs, which give users time-limited access to your data, with the gsutil command-line tool.

(/storage/docs/access-control/signing-urls-with-helpers)

Create signed URLs, which give users time-limited access to your data, with your own program.

[\(/storage/docs/access-control/signing-urls-manually\)](#)

Allow users to download content from their browser by logging in with their Google account.

[\(/storage/docs/access-control/cookie-based-authentication\)](#)

Access data stored in Cloud Storage that is available to the general public.

[\(/storage/docs/access-public-data\)](#)

Get the email address of a project's Cloud Storage service account.

[\(/storage/docs/getting-service-account\)](#)

Discover how Cloud Storage tools can be used to work with other, non-Google, cloud storage systems.

[\(/storage/docs/interoperability\)](#)

A discussion of migration scenarios accomplished through using the XML API.

(/storage/docs/migrating)

Learn how to use Cloud Storage to store and work with Big Data.

(/storage/docs/working-with-big-data)

Enable and configure notifications that are sent to Pub/Sub when objects in your buckets change.

(/storage/docs/reporting-changes)

Work with the access logs for your buckets, such as by analyzing them with Google BigQuery.

(/storage/docs/access-logs)

Learn how to configure cross-origin resource sharing (CORS) on your buckets.

(/storage/docs/configuring-cors)

Set organizational policies that apply to your Cloud Storage resources.

(/storage/docs/setting-org-policies)

