

[Storage Products](https://cloud.google.com/products/storage/) (<https://cloud.google.com/products/storage/>)

[Documentation](https://cloud.google.com/storage/docs/) (<https://cloud.google.com/storage/docs/>) [Reference](#)

APIs & Reference

Cloud Storage Client Libraries

Get started with Cloud Storage in your language of choice.

(<https://cloud.google.com/storage/docs/reference/libraries>)

Authenticating to the API

A discussion of OAuth 2.0 authentication for gsutil, client libraries and APIs.

(<https://cloud.google.com/storage/docs/authentication>)

IAM for Cloud Storage

References for permissions and roles that apply specifically to Cloud Storage, as well as references for which IAM permissions allow you to use tools such as the Cloud Console, gsutil, and the Transfer Service API.

(<https://cloud.google.com/storage/docs/access-control/iam-reference>)

gsutil Command-Line Tool

A reference for gsutil, a command-line tool built specifically to work with Cloud Storage.

(<https://cloud.google.com/storage/docs/gsutil>)

XML API

XML API Overview

A general overview of the XML API.

(<https://cloud.google.com/storage/docs/xml-api/overview>)

XML API Request Methods

Request methods that the XML API supports.

(<https://cloud.google.com/storage/docs/reference-methods>)

Headers and Query Parameters

Headers and query parameters used in requests to and responses from the XML API.

(<https://cloud.google.com/storage/docs/xml-api/reference-headers>)

Status and Error Codes

Response codes for requests run through the XML API.

(<https://cloud.google.com/storage/docs/xml-api/reference-status>)

JSON API

JSON API Overview

A general overview of the JSON API.

(https://cloud.google.com/storage/docs/json_api)

Using the JSON API

An overview of guides for the JSON API.

(https://cloud.google.com/storage/docs/json_api/v1/how-tos)

JSON API Reference

Technical reference information for the JSON API.

(https://cloud.google.com/storage/docs/json_api/v1)

Storage Transfer Service

Storage Transfer Service

(External documentation) A tool for quickly and easily importing data from an online source into a Cloud Storage bucket.

(<https://cloud.google.com/storage-transfer/docs/overview>)

Firebase SDKs

Firebase SDKs

(External documentation) Android, iOS, and JavaScript clients built on Cloud Storage designed specifically for serverless mobile/web apps.

(<https://firebase.google.com/docs/storage/>)

Integrations

Integration with Google Cloud Services and Tools

Explore other Google Cloud products and tools that are integrated with Cloud Storage.

(<https://cloud.google.com/storage/docs/google-integration>)

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