

# Google Cloud Functions

Google Cloud Functions is a serverless execution environment for building and connecting cloud services.

With Cloud Functions you write simple, single-purpose functions that are attached to events emitted from your cloud infrastructure and services. Your Cloud Function is triggered when an event being watched is fired. Your code executes in a fully managed environment. There is no need to provision any infrastructure or worry about managing any servers.

## Features

- Event-based microservices.
- Execute in a fully managed, serverless, Node.js environment.
- Connect and extend cloud services such as Cloud Storage, Cloud Pub/Sub, and more.
- Deploy functions from Cloud Storage Bucket, GitHub or Bitbucket.
- Trigger include Cloud Pub/Sub, HTTP, Cloud Storage.
- Stackdriver integration.