Serverless Go with Google Cloud Functions.

Google Cloud Functions.

Serverless execution environment.

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

Simple, single-purpose functions.

With Cloud Functions, you write simple, single-purpose functions that are attached to events emitted from your cloud infrastructure and services.

Cloud Functions can be triggered by various events, such as HTTP requests, Pub/Sub messages, or Cloud Storage events.

Auto-scaling.

Auto-scales and charges only for actual usage, making it cost-effective.

A real life example from Reload.

➔   Update DNS DS records.

➔   DNSimple emits a webhook when DS keys rollover.

➔   A cloud function receives the webhook.

➔   And calls an API at DK Hostmaster to update the keys and posts a status in our chat.

github.com/reload/
dnsimple-dk-hostmaster-ds-upload

| DNSimple | Cloud function | DK Hostmaster |