

Google Cloud Plugin

As with our other [application logging](#) tutorials, we are using the [example application](#), and adding a remote logging service container using [Fluentd with Stackdriver](#).

WARNING: Tutorial Requirements

To continue, you will need an account with Google Cloud, to use [Stackdriver](#).

INFO Provider Security Requirements

In order to secure sending your logs, you will need to clone and customize `component-fluentd` to add your organization security credentials.

Clone the component-fluentd repository

Clone component-fluentd

```
git clone https://github.com/OakLabsInc/component-fluentd
```

The [fluentd.conf \(for Google Cloud Plugin\)](#) is configured for Stackdriver.

Install the example application and configure Fluentd

Once you have finished configuring the Dockerfile and fluentd.conf, build a Docker image and install the container from your DockerHub.

Oak Platform (API): Install

```
{
  "services": [{
    "image": "index.docker.io/oaklabs/app-example:release-1.0.1",
    "environment": {
      "TZ": "America/Phoenix"
    }
  },
  {
    "image": "index.docker.io/{{dockerHub}}/component-fluentd:latest"
  }
]
```

Depending on how you configure your DockerHub, you may change the name of the image, instead of using `component-fluentd:latest`, you could go by a version or assign a named tag: `component-fluentd:stackdriver`.

NOTE: `{{dockerHub}}` will be your private organization repository.