

# Panduan Lengkap Integrasi Google Drive API dengan Laravel

Dokumen ini berisi langkah-langkah terstruktur untuk menghubungkan Google Drive API dengan aplikasi Laravel menggunakan OAuth 2.0. Ikuti setiap tahap secara berurutan untuk menghindari error konfigurasi.

## STEP 1 — Install Package

```
composer require yaza/laravel-google-drive-storage
```

## STEP 2 — Buat Project Google Cloud

- 1 Buka Google Cloud Console
- 2 Buat New Project
- 3 Masuk ke project tersebut

## STEP 3 — Enable Google Drive API

- 1 Masuk ke menu APIs & Services → Library
- 2 Cari Google Drive API
- 3 Klik Enable

## STEP 4 — Buat OAuth Client ID (WAJIB BENAR)

Masuk ke APIs & Services → Credentials, lalu pilih Create Credentials → OAuth Client ID dengan pengaturan berikut:

- 1 Application Type: Web Application
- 2 Name: Laravel Drive
- 3 Authorized Redirect URI: `http://localhost`

Simpan dan catat CLIENT ID serta CLIENT SECRET.

## Tambahkan Email sebagai Test User

- 1 Masuk ke APIs & Services → OAuth consent screen
- 2 User Type: External, Status: Testing
- 3 Pada bagian Test users, klik Add users dan tambahkan email kamu
- 4 Klik Save

## STEP 5 — Generate Refresh Token (PALING PENTING)

Buka URL berikut (ganti CLIENT\_ID):

```
https://accounts.google.com/o/oauth2/v2/auth?
```

```
scope=https://www.googleapis.com/auth/drive
&access_type=offline
&include_granted_scopes=true
&response_type=code
&client_id=CLIENT_ID_KAMU
&redirect_uri=http://localhost
```

Login Google, Allow akses Drive, lalu salin parameter **code** dari URL redirect.

Tukar Code menjadi Refresh Token (via Postman)

```
POST https://oauth2.googleapis.com/token
```

```
Body (x-www-form-urlencoded):
code=CODE_DARI_BROWSER
client_id=CLIENT_ID
client_secret=CLIENT_SECRET
redirect_uri=http://localhost
grant_type=authorization_code
```

## STEP 6 — Konfigurasi File .env

```
FILESYSTEM_CLOUD=google
```

```
GOOGLE_DRIVE_CLIENT_ID=xxxxxx.apps.googleusercontent.com
GOOGLE_DRIVE_CLIENT_SECRET=GOCSPX-xxxxxx
GOOGLE_DRIVE_REFRESH_TOKEN=1//0gxxxxxx
GOOGLE_DRIVE_FOLDER=TestUploadLaravel
```

## STEP 7 — Konfigurasi filesystems.php

```
'google' => [
    'driver' => 'google',
    'clientId' => env('GOOGLE_DRIVE_CLIENT_ID'),
    'clientSecret' => env('GOOGLE_DRIVE_CLIENT_SECRET'),
    'refreshToken' => env('GOOGLE_DRIVE_REFRESH_TOKEN'),
    'folder' => env('GOOGLE_DRIVE_FOLDER'),
],
```

## STEP 8 — Clear Config (WAJIB)

```
php artisan optimize:clear
php artisan config:clear
php artisan cache:clear
php artisan config:cache
```

## STEP 9 — Test Koneksi

```
Route::get('/tes-drive', function () {
    Storage::disk('google')->put('test.txt', 'Hello Google Drive!');
    return 'Google Drive CONNECTED';
});
```

## STEP 10 — Contoh Controller Upload

```
public function store(Request $request)
{
```

```
$request->validate([
    'file' => 'required|file|mimes:pdf,doc,docx,jpg,png|max:10240'
]);

$file = $request->file('file');
$name = time().'_' . $file->getClientOriginalName();

Storage::disk('google')->put($name, file_get_contents($file));

return back()->with('success', 'Upload sukses!');
}
```