

Build a Serverless Github Bot in GCP

Find and encrypt local secrets

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Outline

Project source files are available:

<https://github.com/devsecfranklin/workshop-codemash-2023>



A high level overview of the learning path is as follows:

- Prerequisites
- Github setup.
- Set up a development environment.
- Review the Python source for the bot.
- Configure Terraform and deploy the bot.
- Test it out.
- Explore possibilities for extending the functionality.



Setting Up

- Create a repository on GitHub or other RCS.
- Install the tools with script.



Finding Tokens

- Scan your local machine for tokens and creds.

Saving Tokens

- Encrypt the tokens and push them into RCS.



Using Tokens

- Now you can use the secrets in your project without exposing them.



Considerations

- You need your GPG key on the local machine to encrypt, decrypt, and use the secrets.

