Build a Serverless Github Bot in GCP

Franklin Diaz

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Resources

Project source files are available:
`https://github.com/devsecfranklin/workshop-codemash-2023`

Outline

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.

- 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.