

# One-Click Kubernetes Deployment - Cheatsheet (with Diagram)

## Workflow Overview

- Trigger via GitHub Actions with parameters.
- Terraform provisions/destroys infra.
- Kubernetes deploys Node.js, NGINX, k8sGPT.
- Security scans optional.

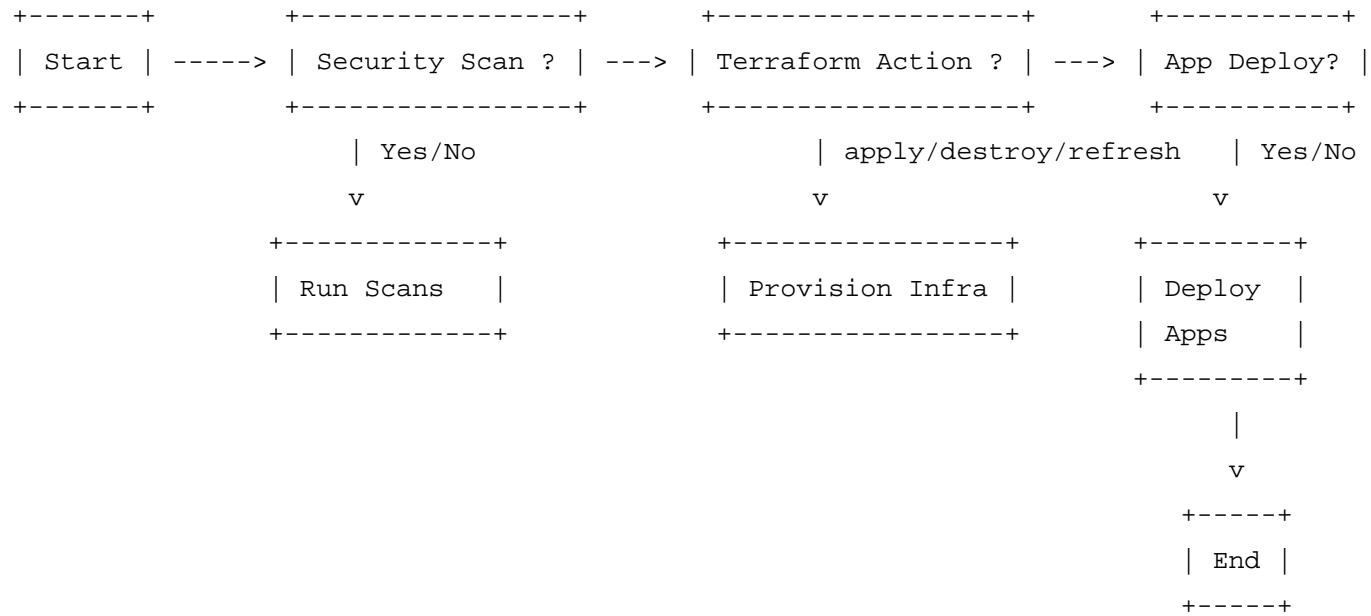
## Key Parameters

- environment: dev/test
- action: apply/destroy/refresh
- provider: google/openai
- run\_security\_scan / run\_terraform / run\_application\_deployment
- dry\_run & confirm for deletions

## Safety Features

- Dry run + confirm required for deletions.
- Secrets in GitHub Secrets.
- RBAC enforced in cluster.
- Full audit logs.

## Workflow Diagram



Deletion Workflow:

