stages:

- validate

- plan

- apply

image:

name: google/cloud-sdk:latest

entrypoint:

- '/usr/bin/env'

- 'PATH=/usr/local/sbin:/usr/local/bin:/usr/sbin:/usr/bin:/sbin:/bin'

before\_script:

# Install required packages for repository management and Terraform

- apt-get update && apt-get install -y software-properties-common gnupg curl

- curl -fsSL https://apt.releases.hashicorp.com/gpg | apt-key add -

- echo "deb https://apt.releases.hashicorp.com $(lsb\_release -cs) main" | tee /etc/apt/sources.list.d/hashicorp.list

- apt-get update && apt-get install -y terraform

- terraform --version

# Authenticate with Google Cloud

- echo $GOOGLE\_CREDENTIALS > ${CI\_PROJECT\_DIR}/gcloud.json

- gcloud auth activate-service-account --key-file=${CI\_PROJECT\_DIR}/gcloud.json

- gcloud config set project ${GOOGLE\_PROJECT\_ID}

- gcloud config set compute/region ${GOOGLE\_REGION}

# Terraform initialization

- rm -rf .terraform

- terraform init

validate:

stage: validate

script:

- terraform validate

plan:

stage: plan

script:

- terraform plan -out "planfile"

dependencies:

- validate

artifacts:

paths:

- planfile

apply:

stage: apply

script:

- terraform apply -input=false "planfile"

dependencies:

- plan

when: manual