Deploying to Test

## Now that we have reviewed our Merge Request, we can merge this to our Test branch.

1. To do this, click the **Merge** button on the Merge Request page



This will trigger a deployment job to the testing environment. Click on the link next to **Pipeline** to view the deployment pipeline.

A screenshot of a cell phone

Description automatically generated

# Deploy Infra

This job performs a **terraform apply** on the plan we produced when we created the Merge Requests. This action will go and apply the changes required to our infrastructure.

1. Click **deploy:infra-test** to view the job details

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If you look at the **Job logs** you should see the actions Terraform is performing

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Once Terraform has finished the deployment, a list of outputs is displayed on the Job log, highlighted in green text.

Screen of a cell phone

Description automatically generated

1. Copy the **domain\_content** value (similar to dpg-gitops-cmhrpr-test-static-content.s3.amazonaws.com). We will use this to access our application.

# Deploy Static

Once the Terraform deployment is complete, a static content deployment is triggered. This copies the static user interface files from the **static** **directory** at the root of the repository to an S3 bucket which is created by the infrastructure deployment.

The name of the S3 bucket is copied between the infrastructure deployment job to the static deployment job via a file called **STATIC\_BUCKET.env**. This sets an environment variable called **STATIC\_BUCKET**,which will be used as our copy destination.

Once the static deployment is complete, we can access our application.

# Access

Using the URL copied above we can access our application. We need to prepend the HTTPS prefix (https://) and add /index.html to the end of our URL.

Example:

<https://dpg-gitops-cmhrpr-test-static-content.s3.amazonaws.com/index.html>

Enter the URL into your browser and you should be able to see your application.

**You can now move on to the final exercise 005-exercises!**