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Jenkins Pipelines on AWS

REVIEW

CODE REVIEW

HISTORY

Meets Specifications

Great work I must say! You have done that extra effort to crack this project. All the best for your future projects

AWS Setup

A new user with EC2 and S3 access is created that is *not* the root/admin user in AWS. A screenshot with the unique AWS URL showing should be provided.

You have nailed it. The permissions are duly given.

An Ubuntu 18.04 t2.micro is launched and can be accessed via SSH using the PEM file. A screenshot with the unique AWS URL showing should be provided.

Keep up the good work! The instance and the type are all correct.

Running Jenkins

The Jenkins instance can be reached over HTTP publicly, a login screen should show if not logged in. A screenshot with unique AWS url should be provided.

Fabulous work with the Jenkins installation. The screenshot shows the URL clearly.

The 'Blue Ocean' link should show in the sidebar and should load its interface, which is completely different from the standard Jenkins. A screenshot with unique AWS url should be provided.

Awesome! The Blue Ocean link is seen clearly in the provided screenshot.

The GitHub repository is added and shows in the BlueOcean dashboard, automatically recognizing the Jenkinsfile and setting up the initial pipeline that has 1 stage. A screenshot with unique AWS url should be provided.

Perfect one! You have cracked this one.

Working Pipeline

The index.html file is published to the correct bucket in the right region, and the url is accessible via HTTP from anywhere. A screenshot with unique AWS url should be provided.

Fabulous work with index.html. You have done the work in a commendable way.

After adding a linter, it catches HTML problems with the sample index.html, after addressing the problems with the html, the job passes and publishes the contents once again - build is passing. A screenshot with unique AWS url should be provided.

Great work! The screenshot has the linter stage failed with an error and hence upload to AWS was unsuccessful.

A Jenkinsfile exists, that has the stages and steps defined that match how the pipeline looks in the Jenkins dashboard. For example 'stage('Lint HTML')' should show as 'Lint HTML' in the pipeline. The AWS credentials and bucket name should all map to an existing S3 bucket that is publicly accessible and that it displays the contents of the index.html file. A screenshot with the S3 URL should be provided.

The Pipeline shown is all green in colour with the fix of Linter error. Keep up the good work!

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