UDACITY

Jenkins Pipelines on AWS

REVIEW
CODE REVIEW
HISTORY

Meets Specifications

Great submission! I really liked going through your project! Have a good time!

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.

> 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.

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.

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.

More Info on blue Ocean build Pipelines for Jenkins:

https://jenkins.io/projects/blueocean/

https://jenkins.io/doc/book/blueocean/creating-pipelines/

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.

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.

Do you know github Pages? This is another easy and cool way to host extremley fast static HTML-Websites created from markdown files in your repository.

https://pages.github.com/

https://www.thinkful.com/learn/a-guide-to-using-github-pages/

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.

A linter is a great too for static code checking! See here: https://en.wikipedia.org/wiki/Lint_(software)

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.

⬇ DOWNLOAD PROJECT

RETURN TO PATH