

Kura Labs Cohort 4

Deployment 3.1

Welcome to Deployment 3.1! This deployment is going to feel familiar. We're just taking it a step further.

Be sure to document each step in the process and explain WHY each step is important to the pipeline.

1. Create an EC2 and install Jenkins onto it
2. Install and configure AWS CLI and EB CLI onto the EC2
3. Create a Multi-Branch pipeline using the forked repo from Deployment 3
4. Create an EB environment in the terminal
5. Verify that the application is running by navigating to AWS Elastic Beanstalk and opening the URL
6. Create a webhook in GitHub
 - a. Navigate to the GitHub repository
 - b. On the horizontal menu underneath the repo name, go to settings
 - c. Click on "Webhooks" on the left side menu and "Add webhook"
 - d. Enter in:
 - i. Payload URL: `http://{Jenkins Server IP address}:8080/github-webhook/`
 - ii. Content type: `application/json`
 - iii. Trigger: Just the push event
7. Modify the application, commit the change, and keep your eye on the Jenkins GUI
 - a. **VARIATION #2**

What happened? What did the webhook do? How was this different from Deployment 3?

Submit your diagram and documentation through the LMS.

Be sure to include all observations you had throughout the deployment process, any issues that needed troubleshooting, and anything that could have been improved on.