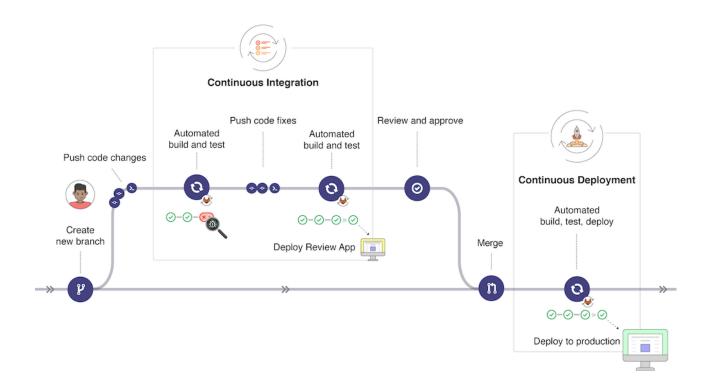
### Introduction

Once we have developed and deployed the application/product, It needs to be continuously updated based on user feedback or the addition of new features. This process should be automated, as without automation we have to run the same development and deployment

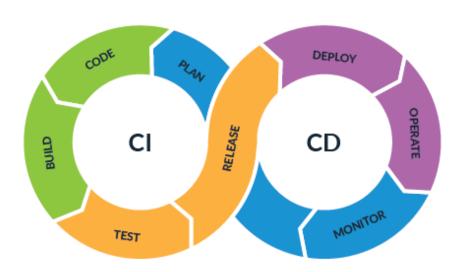


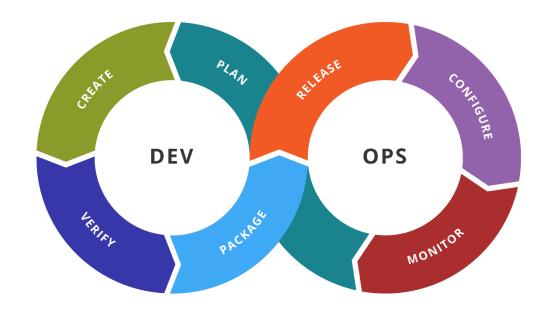
## **AWS CodeBuild**

AWS CodeBuild is managed CI service which complies source code,runs tests, and packages the source code which can be used for deployment.

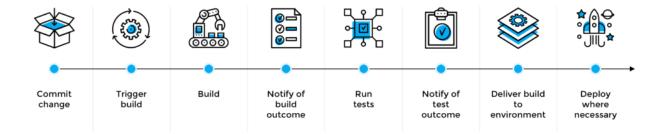
# **AWS CodePipeline**

CodePipeline will automatically build and deploy our application when there are any changes in the code repository. With Continuous Integration and Continuous Delivery Pipeline, we can automate the complete workflow from building, testing, packaging, and deploying, which will be triggered when there are any changes to an existing application or we can say if there is any new commit to an existing code repository.





#### CI/CD Pipeline



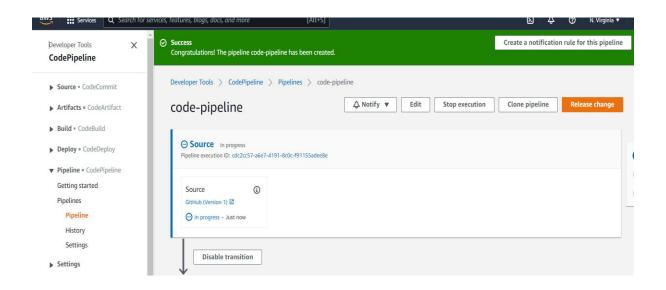
**Step1** Choose pipeline setting

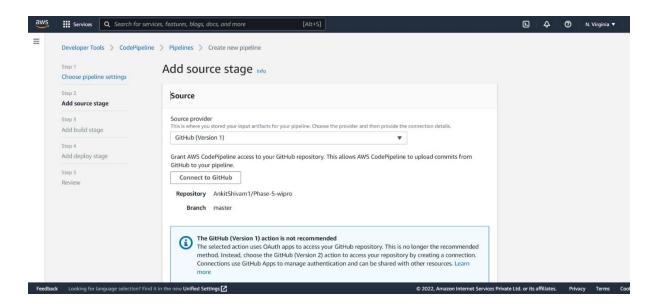
**Step2** Add source stage

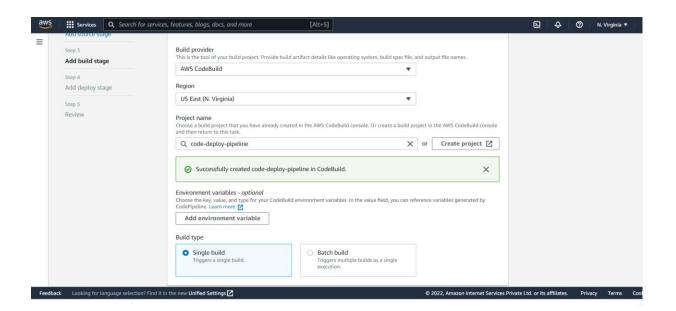
**Step3** Add build stage

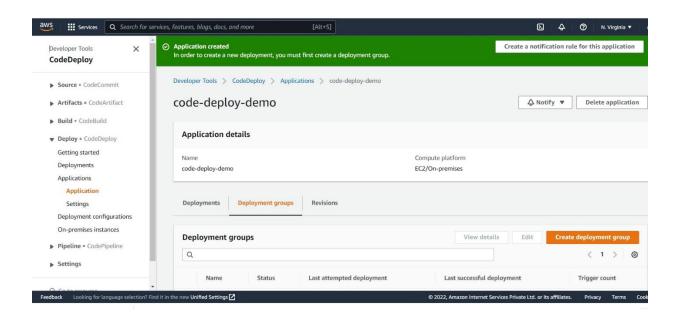
**Step4** Add deploy stage

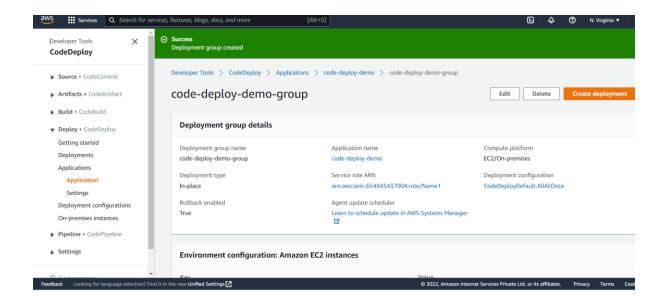
**Step5** Review

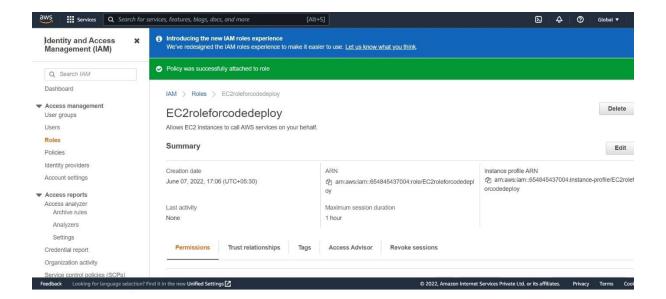


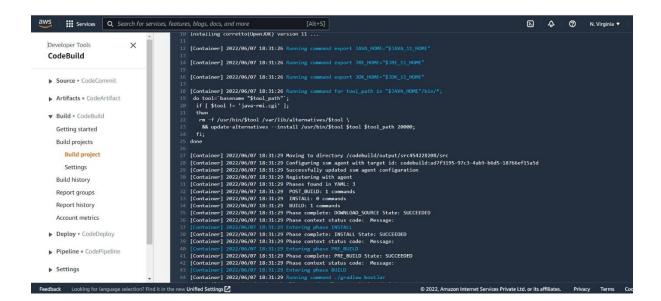












# Steps to push above project on Github

- 1.Go to github account and create a new repository as Step 5\_Testing in a DevOps Lifecycle
- 2. Open git bash in folder which is to push on github
- 3.Initialize this repository using git init command
- 4. Adding all files to staging area using **git add**. command
- 5. Commit the changes using the

git commit -m "first commit step5" command.

6. Update the changes made in this local repository into remote repository using command

git remote add origin <a href="https://github.com/TShivansh/Step-5">https://github.com/TShivansh/Step-5</a> Testing-in-a-DevOps-Lifecycle.git

7. Then use git push -u origin main command to push the project to Github

GitHub Repository link:

https://github.com/TShivansh/Step-5\_Testing-in-a-DevOps-Lifecycle