

Name - Mikil. Lalwani

D15B/37

Advance Dev Ops Lab 2

Experiment 2

- Aim -

To build your application using AWS Codebuild and deploy on S3/SEBS using AWS Code Pipeline, deploy sample application on EC2 instance using AWS CodeDeploy.

- Theory -

- Continuous deployment allows you to deploy revisions to a production environment automatically without explicit approval from a developer, making the entire software release procedure automated.
- Pipeline is created by using AWS Code Pipeline, a service that builds, tests and deploys your code every time there is code change.
- We can use ~~Git~~ Github account, Amazon S3 bucket or AWS CodeCommit repository as the source location for the sample app's code.
- You will also use AWS Elastic Beanstalk as the deployment target for the sample app.
- Your completed pipeline will be able to detect changes made to the source repository containing the sample app and then automatically update your live app.

Conclusion-

Thus we have successfully built our application using AWS CodeBuild and AWS CodePipeline on EC2 instance using AWS CodeDeploy.