SCENARIO

CURRENT SITUATION

✤ PACKAGE/SOFTWARE/ARTIFACT Deployment on server.

✤ Software testing/ integration testing after deployment

✤ Test Report gets Evaluated and approval for prod deploy issued.

PROBLEM

ISSUES WITH CURRENT SITUATION

✤ In an Agile SDLC, there will be frequent code changes.

✤ Manual code deployment is time consuming.

✤ Involves task assignment/ticketing/approvals.

✤ Dependency on Ops & Build & Release Team.

SOLUTION

FIX

- BUILD, TEST, Deploy & TEST FOR EVERY COMMIT.

- AUTOMATED PROCESS

- NOTIFY FOR EVERY BUILD STATUS.

- FIX CODE IF BUGS OR ERROR FOUND INSTANTLY RATHER THAN WAITING.

BENEFITS

✓ FAULT ISOLATION

AGILE ✓

CD PIPELINE

✓ SHORT MTTR

NO HUMAN INTERVENTION ✓

OBJECTIVE

GOALS

- FAULT ISOLATION

- SHORT MTTR

- FAST TURN AROUND ON FEATURE CHANGES

- LESS DISRUPTIVE

Tools

Jenkins

Nexus Sonatype Repository

Sonarqube

Maven

Git

Slack

Docker

ECR

ECS

AWS CLI