

# Devops CI/CD Proposal

# Problem Statement

- High Cost of Change Implementation
- High CFR (Change Failure Rate) due to manual change implementation
- High Recovery time and business downtime as no smooth process to rollback

# Proposal - Devops CI/CD Implementation

- Continuous Integration and Continuous Deployment on platform
- Automatically trigger of build pipeline once code commit
- Automation of unit test execution in build pipeline, failing of execution will lead to rollback of committed code
- Automation of build package creation
- Automation of deployment in test env
- Automation of test execution

# Benefits

- Saving of cost with zero manual efforts in through out process
- Reduction in services downtime due to high quality build
- Reduction in incidents due to manual interventions in process
- High availability of services to business in turn increase in revenue
- No downtime to business for new change deployments
- Business partners can validate a change in prod before we rollout to entire world without surprises in prod with new deployment strategies