



## Devops Automation using AWS CodeDeploy

### Customer: Maritime Loans

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#### Customer Engagement

Maritime Loans is a loan lending platform for ships. Powerupcloud automated customer's devOps process using AWS CodeDeploy.

#### Problem Statement

Maritime Loans project was a new migration to AWS. So, the customer wanted to implement AWS best practices including devOps automation which will allow them to seamlessly deploy the code across dev, staging & production setups on AWS.

#### Proposed Solution

- Authored Cloud Formation templates to create dev, staging and production environments.
- The production environment was deployed in HA mode.
- Powerupcloud implemented devOps automation using AWS CodeDeploy.
- Jenkins builds the code and AWS CodeDeploy is used to deploy the code in relevant environment depending on the branch.
- AWS Lambda was used to automate backups.
- Powerupcloud team continues to provide 24\*7 support to the customer in AWS environment management & Devops management.

#### Outcomes of Project

- Customer was able to enjoy a HA setup for their application on AWS.
- Devops was completely automated using Jenkins+AWS CodeDeploy stack