



## Objective

Create highly scalable and robust CI/CD Pipeline for enterprise SaaS solution.

## Scope

- Build a Business Case.
- Evangelize DevOps practise.
- Abide to 12 factor App principle.
- Strategize and Implement DevOps Process.
- CI/CD architecture design and recommendation.
- Develop a Technical approach.

## Challenges

- Software and tools recommendation.
- Cost and saving analysis.
- Design Scalable CI/CD design.
- Service levels:
  - Application availability
  - Application performance
  - Application security
  - Regulator compliances
- Integration Consideration for Enterprise application Suit.
- Performance and resiliency - Design Custom
- Failover/Load balancing.

## Technology

- JIRA
- Confluence
- Bamboo
- Bitbucket
- AWS
- Terraform,
- Ansible
- LXD
- MongoDB

## Benefits

- Revenue impact – Savings on Operation cost, lesser operation cycles and No miscellaneous charges.
- Customer acquisition or engagement impact – Growth in number of customers accessing it.
- Customer satisfaction – Improved availability and better response times of application
- Time to market improvements – Less Operation cycle, faster delivery of functional enhancement.

## Key features

- In this era of automation and innovation its the need of hour to have a solution which not just helps manage innovation but instead help it evolve and stay relevant. And such software needs strong and highly scalable operational and development design/implementation so that innovation doesn't stops at the cost of operation.

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