

A CASE STUDY ON DEVOPS: THE TRANSITION

About the Client

The Client is a value based IT consulting firm, who provides cost effective and custom software solutions using cutting edge technologies. The team of PMs, Developers, designers and testers worked over 1000 projects in diverse range of clients across several industries. The is having a good strength on Mobile Apps and Web Apps developers and handling more than 20-30 concurrent projects every month in different technologies and application stacks.

Requirements and challenges

Requirements of the client.

- ▶ Bring DevOps Culture to its Software Development life cycle.
- ▶ Improve software development and delivery speed.
- ▶ Improve customer experience and satisfaction.
- ▶ Achieve faster development, better communication and quicker resolution of issues.
- ▶ Faster Software Testing & Modularity

Our challenges towards the requirement

- ▶ Finding the right partner with DevOps Consulting Experience
- ▶ Overcoming the Developer vs Operational team mentality
- ▶ Migrating the legacy infrastructure to the cloud for scalability
- ▶ Learning curve and focus on new tools
- ▶ Resistance to change
- ▶ Changing Budgets
- ▶ Fear of failure
- ▶ Legacy Process

The Urolime difference

UrolimeDevOps team worked closely with the customer development and deployment team and understand their existing process, prepared DevOps adoption plan, worked with the team to understand the advantages of the transition, given proper training which needed, helped them in moving to the DevOps culture. We were facing different issues initially with the following tasks:

- ▶ Adoption of central repository solution
- ▶ Learning curve of new tools
- ▶ Bringing Dev and Ops together as a team
- ▶ Migration from legacy systems to the cloud
- ▶ Infrastructure and Deployment Automation
- ▶ Fear of failure
- ▶ Testing automation

With the client managements help and determination in transition to DevOps culture, our team of DevOps consultants could overcome the challenges and helped the customer and their Developers and Operations team to work as a team

Technology stack


- ▶ Infrastructure/PaaS : Amazon Web Services
- ▶ Configuration Management: Ansible, Chef & Cloud Formation
- ▶ Deployment Automation: Jenkins
- ▶ Log Management: ELK
- ▶ Application Performance Monitoring : New Relic
- ▶ Infrastructure and Server Monitoring: Zabbix
- ▶ Version Control: Phabricator/Git

Result

Our client have streamlined their development and deployment processes to DevOps which in turn generated revenue with a happier and a much more satisfied client base.



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