CASE STUDY

DevOps Setup

For a top Electronics Fortune 500 company
Project Overview

The customer is in process of a next generation IOT based product. The API development is being done using Serverless Framework (Lambda, API Gateway and DynamoDB) was automated using AWS – DevOps services for managing, operating and analyzing Smart Home Appliances for both backend (Node.js) and frontend (Angular.js).

About The Client

The customer is top Electronics Fortune 500 company

Case Survey

The Customer required:
- The API development using server-less framework
- Automation of API using AWS
- DevOps services for managing, operating & analyzing Smart Home appliances

Technology

AWS Management Console, AWS CLI, AWS SDKs, AWS CodePipeline, CodeBuild & CloudFormation
Detailed Flow

Our Solution

- Development framework was standardized around DevOps framework
- Server-less API development using AWS
- Minimized chance of human error

Business Benefits Delivered

The entire deployment cycle for each of the environments i.e. Dev, Stage and Production have come down to 1 hour

The deployment framework was standardized around DevOps framework which has minimized the chances of human errors significantly.

As part of the DevOps implementation in our project, we have used the following AWS services:
  - CodePipeline (Orchestration)
  - CodeBuild (Build)
  - CloudFormation (Infra as Code)
  - Linux shell-script with Serverless computing

About InterraIT

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