

## Swift Serverless REST APIs - AWS Lambda

Experimenting with a serverless solution using Swift AWS Lambda runtime to achieve

- Strongly typed feature of Swift for stable and faster development
- Easy deployment to AWS Serverless Lambda without any server maintenance
- - Build in security by using APIGateway to access the server RESTful APIs
- MongoDB NoSql Schema-less database integration to consume json-based services
- No DataModeling used: So No data migration changes require when adding new (key,value) pair to a collection / table
- Any json can be added to any collection - completely dynamic system
- Any custom validations can be used for any specific resources like: users,bookings, etc.
- Any value can be updated against Any key in Any collection with just a single function pattern:  
For example: collection: users  
[PUT ] /users -> [{"isAdmin": true}] -> updated or added this new data to db for users collection
- Working on JWT authorization integration, we can use this feature through APIGateway but the custom solution is pretty much dynamic.