

Order Tracking Application

Run Application In Local

Install all required npm packages by executing `npm install` command in application directory. To run application in local, execute `npm run start` command. Application will start to run in `http://localhost:3000/dev` port in local machine.

Serverless

Serverless framework is used for IaC (Infrastructure as Code). Application end to end infrastructure is provided as YAML configuration, refer `serverless.yml` file in application directory. Which used to create AWS Cloudformation for creating and updating stack. For more please visit [Serverless Framework](#).

DB Credentials

Create a new secret key in AWS Secret key Manager for separate production and development environment. `prod/otadb` - Production DB Secret Key.
`dev/otadb` - Development DB Secret Key.

Configure following credentials in secret manager

Key	Value
host	DB host name or IP address
username	DB user name
password	DB user's password
database	Database name

DB Schema

DB Schema is provided as single sql file `schema` and `data.sql`.

Application Secret Keys / API Keys

Create a new secret key in AWS Secret key Manager for separate production and development environment. `prod/otaSecretKeys` - Production DB Secret Key.
`dev/otaSecretKeys` - Development DB Secret Key.
Provide application keys in here, which later will loaded in `process.env`.

Deployment Strategies

Blue/Green Deployment will be used to route users by adding weightage to Lambda version. Refer blue/green deployment strategie this link [Blue/Green Deployment In Aws Lambda](#).

API Document

Please refer `API Document.pdf` file api document.

Test Suites

Execute `npm run test` command to run test suites.

Code Coverage

Execute `npm run coverage` command to run code coverage.