Documentation

Terraform version 0.14.11

* Clone repo https://github.com/myintwl/demo-pomelo.git
* Connect Github to Terraform and allow github to connect with terraform.

Graphical user interface, text, application, email

Description automatically generated

* Set variable in Terraform

A screenshot of a computer

Description automatically generated

* Run the plan and apply changes in Terraform cloud

Graphical user interface, application

Description automatically generated

After apply changes it will informed as following.

Graphical user interface, text

Description automatically generated

* Test with postman for API Gateway after deployment with Terraform

First log in to AWS Console and browse into APIGateway > Stages > dev> Export Json

Graphical user interface, text

Description automatically generated

Import downloaded JSON into Postman and update API Key

Graphical user interface, text, application, email

Description automatically generated

Set test parameter and send message to API Gateway as following.

Graphical user interface, text, application, email

Description automatically generated

Dead letter queue can be found at SQS and and match with MessageID in Cloudwatch log. DLQ can trigger from postman using more than MaxReceived no queue and it will fall into DLQ message.

Graphical user interface, application, table

Description automatically generated

Graphical user interface, text, application, email

Description automatically generated

* Write messages AWS Kinesis into AWS Glue and AWS S3

Kinesis are created in this demo in order to save cost just make spike run and destroyed all in my accounts.