AWS YASH Account

Developer → CDK/CodeCommit → Pipeline

SQS — LambdaFailure

UpdateTable → DynamoDB

SendData

3

Amazon CloudWatch

SendingDataToICICI
RecevingAcknowledgement

3

2

4

YASH ON PREM

1

Event

SendingDataToICICI

Amazon API Gateway

2

SendingDataToYASH
RecevingAcknowledgement

ICICI

Client

4

1

AWS CloudTrail

Amazon Cognito

3

UpdateTable

SendingDataToYASH
RecevingAcknowledgementFromYASH

3

SQS — LambdaFailure

Sending Data From YASH On Prem to ICICI

1. Whenever the new Employee Entry will come an event will be triggered which will send data to AWS API Gateway.
2. API Gateway will proceed the data to lambda function.
3. Lambda Function will send this data to ICICI API and Update the same on Database.
4. Acknowledgement of successfully submission will be send back in response to YASH with Registration number .
5. If lambda failed due to some reason it will be handled by SQS and SQS will send it back to same lambda.
6. All the events will be stored in S3 bucket for Auditing.

Receiving Data From ICICI To YASH On Prem

1. When ICICI approve the request they will call an API which will trigger a lambda function.
2. The Lambda function will proceed the data and send it to YASH On-Prem and Update the same on database .
3. If lambda failed due to some reason it will be handled by SQS and SQS will send it back to same lambda.
4. All the events will be stored in S3 bucket for Auditing.

SendData

1. EmpID
2. Name
3. Surname
4. Age
5. MobileNuml
6. Address

ReceivedData

1. RgstrnNumber
2. EmpID
3. Name
4. Surname
5. Age
6. MobileNumber
7. Address

ReceivedData

1. InsrncNumber
2. RgstrnNumber
3. Status:Approved
4. EmpID
5. Name
6. Surname

ReceivedData

1. RgstrnNumber
2. Status:Deny
3. EmpID
4. Name
5. Surname
6. Age
7. MobileNumber
8. Address