Authorize.net account

compact connect
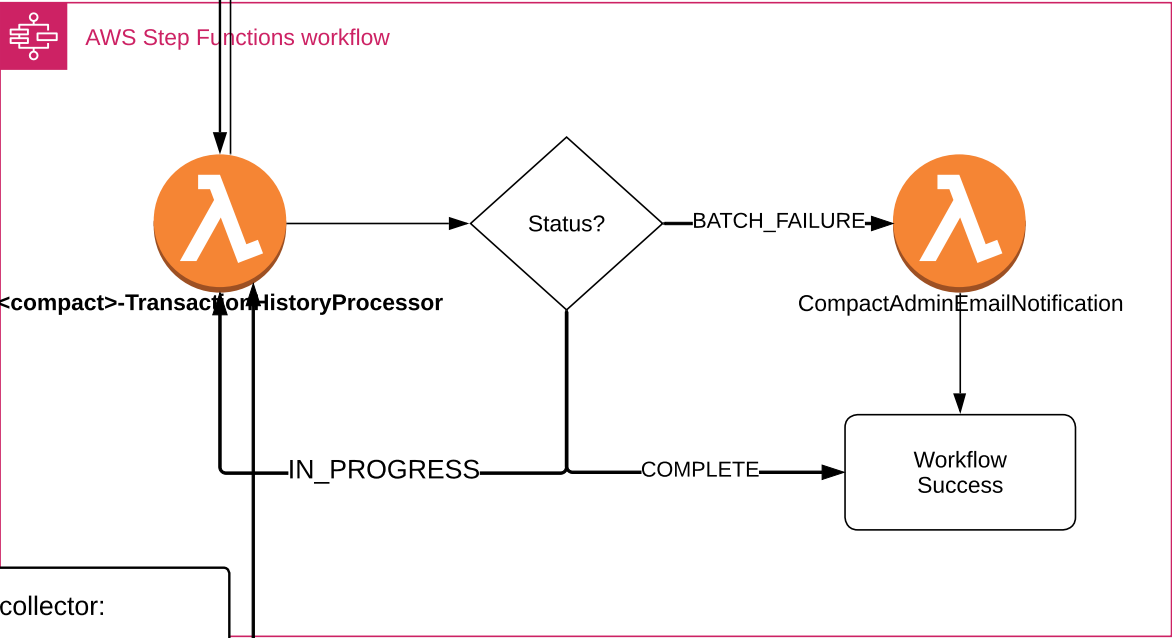
pk: COMPACT#{compact}#TRANSACTIONS#MONTH#YYYY-MM
sk: COMPACT#{compact}#TIME#{batch settlement time epochTimestamp}#BATCH#{batch id}#TX#{transaction_id}
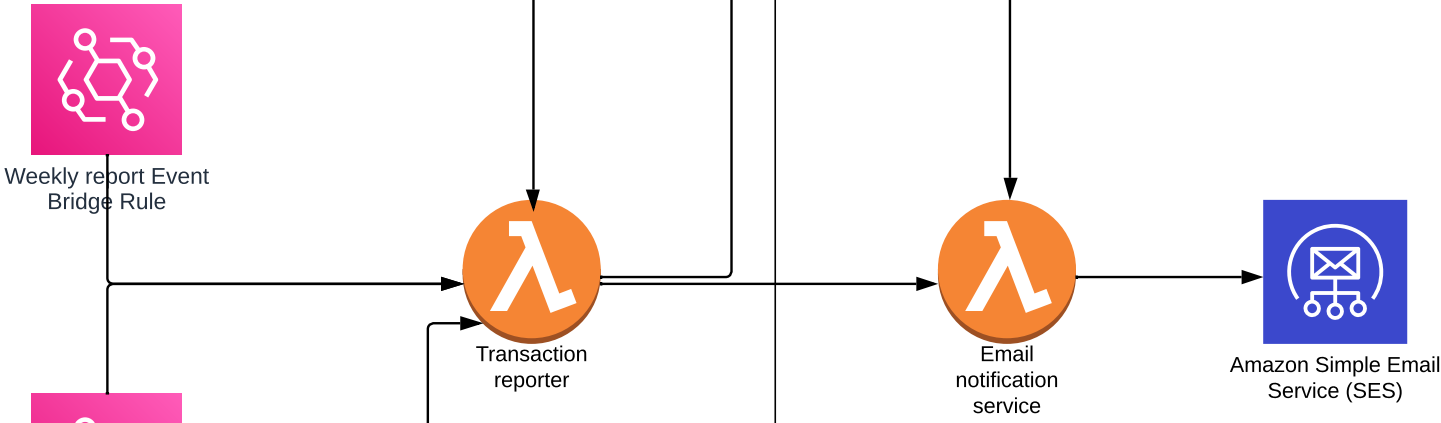
Transaction History Table

Transaction History Collection Chain (one per compact)

AWS Step Functions workflow

Transaction History Reporter (one per compact)

Transaction Reports Bucket

Event Bridge Rule (run once daily)

<compact>-**TransactionHistoryProcessor**

Status?

BATCH_FAILURE

CompactAdminEmailNotification

IN_PROGRESS

COMPLETE

Workflow Success

Weekly report Event Bridge Rule

Monthly report Event Bridge Rule

Transaction reporter

Email notification service

Amazon Simple Email Service (SES)

CW Alarm to notify if step function fails

Transasction history collector:

- Collects all settled batches for the last 24 hours from authorize.net
- Collects all transactions from those settled batches
- Fetches the associated privilege id that was purchased for that transaction and injects it into the data that is stored in the Transaction History Table
- In the case of a batch settlement failure, an email notification is sent to compact support team to notify them of the issue.

Transasction reporter:

- Collects all settled transaction records from Transaction history table for the specified time period and compact
- Fetches the associated licensee information for each transaction from the provider data table.
- Generates CSV reports for compact and Jurisdiction Admins and stores them in a zip format in Transaction Reports S3 bucket
- Invokes Email notification Service to send email with zip file attachment

Provider Data Table