flexEngage™ REST Resend Receipt API Version 1.x

OVERVIEW

flexEngage has an API that allows a merchant to add functionality within the POS or other systems to resend a digital receipt.

WEB SERVICES INFO

Endpoints

The Technical Services team will provide you with the endpoint connectivity information for both the test and production environments through the *Merchant Access Form.*

Test:
There are two supported endpoints depending upon the environment. Your flexEngage Integration Specialist will supply you with the endpoints to use for your setup, as well as the information on how to connect to the endpoints.

Legacy Environment (supports Latin-1 character sets):
`https://api-test.flexreceipts-lab.com/ws/rest/v1/merchants/`**`[MERCHANT-ID]`**`/receipts/`**`[receiptID]`**`/email`

Current Environment (supports UTF-8 character sets):
`https://api-test-02.flexreceipts-lab.com/ws/rest/v1/merchants/`**`[MERCHANT-ID]`**`/receipts/`**`[receiptID]`**`/email`
(*Note: Replace [MERCHANT-ID] with the merchant ID that was provided by flexEngage and the [receiptID] with the unique identifier of the receipt)*

Production:
The endpoint for the production environment is given at the time of production deployment as coordinated with flexEngage.

The fully-qualified absolute URL of the endpoint/s should be configurable values on the POS to allow flexibility - move from one environment to another (e.g., test environment to production environment).

SSL Certificates

All communication with flexEngage web services are done over an encrypted **TLS connection**. For performance purposes and because of the "Poodle" vulnerability with SSL v3.0, flexEngage is optimized for TLS 1.2. The POS should use the **root certificate** and not sub certificates for api.flexEngage.com or api-test.flexEngage.com.

TLS/SNI Support

You should be using a TLS implementation that supports Server Name Identification (SNI). If you do not, you could encounter certificate issues with one or more of our environments. Contact flexEngage if your TLS implementation does not support SNI.

Web Service Authentication

flexEngage provides the Merchant with API keys to be used as credentials for all web service requests. Credentials must be transmitted using HTTP Basic Authentication. Depending upon the programming language used, there should be a library which makes this easy to do.

RESENDING THE RECEIPT

The purpose of this service is to resend a digital receipt either to the customer email address on the receipt or to another email address specified in the request payload. .

Request: This is the web service call made by the POS to resend a digital receipt. Pass an email address in the request payload to send the request to a specific email address, or don't pass an email address in the request payload to send the receipt to the email address on the digital receipt.

Response: This message is returned by flexEngage to indicate whether the receipt was re-sent.

Request

You should be familiar with the Request JSON message. Refer to the online RAML for a full description of all of the elements.

Request Message

The Request Message is an REST web service call and the JSON contains 1 type of data:

- Email Address

Request Details

JSON to Resend to the Address on the Digital Receipt

```
{
  "customerEmailAddress" : null
}
```

JSON to Resend to a Particular Email Address

```
{
  "customerEmailAddress" : "someemail@email.com"
}
```

Request Example

Below is a sample URL to make a POST request to call the Resend Receipt API using the unique ID of the receipt for merchant ID TEST-01-011419.

https://api-02.flexreceipts.com/ws/rest/v1/merchants/TEST-01-011419/receipts/5804fc6e-b32e-4044-a909-b498847c3603/email

Ensure that the request JSON is being passed.

Response

Response Message

The *Response* Message is sent in response to your *Request*. If the message was re-sent successfully, you will receive a blank response.