Wallet Manager

Last Updated: Thursday, August 23, 2018

Overview

Vibes' Wallet Manager platform enables updates to offers and loyalty cards already saved to a Person's Apple Wallet/Passbook or Google Wallet/Android Pay application. Mobile Wallet Campaigns cannot be created with an API, they must be created through the Wallet Manager UI (mpages.vibescm.com).

	Topics in this Section

> ⚠ **Note**:
> Passbook was renamed as Apple Wallet.
> Google Wallet was renamed as Android Pay.

Each Company can have one or more Mobile Wallet Campaigns active at any given time. A Mobile Wallet Campaign is a template and a definition of a Wallet Item. A Wallet Item is a specific instance of a Mobile Wallet Campaign template that has been installed on one or more devices for a Person.

A Wallet Item can contain content, like brand logo, that is common to all other Persons participating in the campaign. A Wallet Item can also contain Person-specific information like a name or loyalty point balance. Only Person-specific information can be updated with an API. Common content can be updated through the UI.

Mobile Wallet Campaign Entity

```
{
    "wallet_id":"abcde12345",
    "name":"Gold Status",
    "type":"Loyalty",
    "smartlink_url":"http://mp.vibescm.com/c/a1b2c3",
    "url":"/companies/:company_id/campaigns/wallet/abcde12345",
    "created_at":"2017-01-15T14:30Z",
    "updated_at":"2017-02-18T19:30Z"
}
```

Elements

Data Element	Type	Description
wallet_id	String	Unique Mobile Wallet Campaign ID automatically generated by Wallet Manager system.
name	String	Descriptive name of Mobile Wallet Campaign.
type	String	Valid values are "Offer" or "Loyalty".
smartlink_url	String	URL to distribute the initial offer or loyalty card to people via Short Message Service (SMS) or email.
url	String	REST API reference to the Mobile Wallet Campaign entity.
created_at	Timestamp	When Mobile Wallet Campaign was initially created. It should be in the ISO 8601 format - for example: 2017-01-15T14:30Z.
updated_at	Timestamp	When Mobile Wallet Campaign was last updated. It should be in the ISO 8601 format - for example: 2017-02-18T19:30Z.

Wallet Item Entity

```
{
  "wallet_item_id": "abcdef23SDF2",
  "group_code": "DEALS",
  "campaign_ref": {
    "id": "abCDefGHij",
    "type": "Loyalty",
    "url": "/companies/:company_id/campaigns/wallet/abCDefGHij"
  },
  "active": true,
  "tokens": {
    "first_name": "John",
    "last_name": "Doe",
    "loyalty_balance": "552"
  },
  "locations": [
    {
      "latitude": 43.6867,
      "longitude": -85.0102,
      "relevant_text": "Visit our State St store"
    },
    {
      "latitude": 37.789898,
      "longitude": -122.400751,
      "relevant_text": "Visit our Market St store"
    }
  ],
  "providers": [
    "Passbook",
    "Google Wallet"
  ],
  "url": "/companies/:company_id/campaigns/wallet/abCDefGHij/items/abcdef23SDF2",
  "created_at": "2017-01-15T14:30Z",
  "updated_at": "2017-02-18T19:30Z"
}
```

Elements

Data Element	Type	Description
wallet_item_id	String	Unique Wallet Item ID that was specified at creation. This can be system generated or customer supplied in the creation URL. ⚠️ **Note**: The *wallet_item_id* is the *uuid*, which is a campaign-specific identifier that is used to identify Wallet objects. This is generally customer defined, as it can be included in links and used before a Wallet object is actually created.
group_code	String	Optional string value to indicate groups of related Wallet items. Can be used for targeted messaging.
campaign_ref	String	Reference to Mobile Wallet Campaign information.
id	String	Reference to *wallet_id*.
type	String	Campaign type ("Offer" or "Loyalty").
url	String	Reference to internal URL of Mobile Wallet Campaign entity.
active	Boolean	**True:** Wallet item currently installed on Person's device. **False:** Wallet item no longer installed on Person's device.
tokens	Object	List of key/value pairs of Item specific data that can be used to personalize the item.
locations	Array	Array of up to 10 latitude and longitude value pairs used by Mobile Wallet applications (Apple Wallet/Passbook, Android Pay/Google Wallet) to determine when to present information to a Person within proximity to a specified location.
relevant_text	String	Text displayed on Person's iPhone lock screen when the device is within 100 meters of an associated latitude-longitude value; Apple Wallet/Passbook only (Android Pay/Google Wallet does not support custom text).

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providers	Array	Indicates the currently installed Mobile Wallet content providers for the specific Item instance. ⚠️ **Note**: "Passbook" and "Google Wallet" are the only supported values.
created_at	Timestamp	When Mobile Wallet Campaign was initially created. It should be in the ISO 8601 format - for example: 2017-01-15T14:30Z.
updated_at	Timestamp	When Mobile Wallet Campaign was last updated. It should be in the ISO 8601 format - for example: 2017-02-18T19:30Z.

Apple Wallet/Passbook Provider

Defines the specific Apple Wallet/Passbook Provider JSON object that is included in the Wallet item.

Android Pay/Google Wallet Provider

Defines the specific Android Pay/Google Wallet JSON object that is included in the Wallet item.

Wallet Message Entity

```
{
  "wallet_message_id": "abcdef23SDF2",
  "message": {
    "template": "This is the updated message I would like to send.",
    "header": "Header, for Google Wallet only.",
    "image_url": "http://www.google.com/wallet.jpg"
  },
  "campaign_ref": {
    "id": "abCDefGHij",
    "type": "Loyalty",
    "url": "/companies/:company_id/campaigns/wallet/abCDefGHij"
  },
  "filters": [
    {
      "name": "group_code",
      "selector": "starts_with",
      "value": "DEA"
    },
    {
      "name": "providers",
      "selector": "any",
      "value": [
        "Passbook"
      ]
    }
  ],
  "recipient_count": 75,
  "url": "/companies/:company_id/campaigns/wallet/abCDefGHij/messages/abcdef23SDF2",
  "created_at": "2017-01-15T14:30Z",
  "updated_at": "2017-02-18T19:30Z"
}
```

Elements

Data Element	Type	Description
wallet_message_id	String	Unique system-generated Identifier for each message created.
message	Object	Object reference for the message components.
template	String	Message template that contains the message to be sent to each item.

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header	String	Optional header value to display with the message.
		⚠ **Note:** Currently, only used with Android Pay/Google Wallet objects.
url	String	Optional URL to an image to display with the message.
		⚠ **Note:** Currently, only used with Android Pay/Google Wallet objects.
recipient_count	Integer	Number of items that were included in the message.
campaign_ref	Object	Reference to Mobile Wallet Campaign information.
id	String	Reference to *wallet_id*.
type	String	Campaign type ("Offer" or "Loyalty").
url	String	Reference to internal URL of Mobile Wallet Campaign entity.
filters	Array	Array of filter objects that will target the message to specific items in the Wallet campaign.
created_at	Timestamp	When Mobile Wallet Campaign was initially created. It should be in the ISO 8601 format - for example: 2017-01-15T14:30Z.
updated_at	Timestamp	When Mobile Wallet Campaign was last updated. It should be in the ISO 8601 format - for example: 2017-02-18T19:30Z.