

# Wallet Manager Callback Events

The following methods describe how and why **Wallet Item Added** and **Wallet Item Removed** callback events are used, including examples.

The supported callback\_types are *wallet\_item\_install* and *wallet\_item\_remove*. More information on creating callbacks can be found [here](#).

## Wallet Callback Types

The [wallet\\_item\\_install](#) callback event is triggered when a new wallet pass is installed by an end user.

To register an endpoint to receive the *wallet\_item\_install* callback, follow the instructions below:

First you will need to create a new callback record.

```
POST /companies/:company_key/config/callbacks/
```

Then you will need to post the following information using information from the wallet campaign that you wish to establish callbacks for, as well as the desired destination url for the callbacks.

```
{
  "callback_type": "wallet_item_install",
  "event_type": "wallet_item_install", //deprecated
  "wallet_item_install": {
    "campaign_token": "YOUR_WALLET_CAMPAIGN_TOKEN"
  },
  "destination": {
    "url": "https://YOUR.DESTINATION.URL",
    "method": "POST",
    "content_type": "application/json"
  }
}
```

The [wallet\\_item\\_remove](#) callback event is triggered when a wallet pass is removed by an end user.

To register an endpoint to receive the *wallet\_item\_remove* callback, you use the same instructions as the *wallet\_item\_install*, however you will want to change the callback\_type to "wallet\_item\_remove".

```
{
  "callback_type": "wallet_item_remove",
  "event_type": "wallet_item_remove", //deprecated
  "wallet_item_remove": {
    "campaign_token": "YOUR_WALLET_CAMPAIGN_TOKEN"
  },
  "destination": {
    "url": "https://YOUR.DESTINATION.URL",
    "method": "POST",
    "content_type": "application/json"
  }
}
```

**If successful, you will receive the following callback body indicating the start date, created at date, as well as the callback\_id. Callback Body**

```

{
  "callback_id": 11887,
  "callback_type": "wallet_item_install",
  "event_type": "wallet_item_install", //deprecated
  "wallet_item_install": {
    "campaign_token": "r3zhm8"
  },
  "destination": {
    "url": "http://destination.url",
    "method": "POST",
    "content_type": "application/json"
  },
  "start_date": "2018-04-25T20:00:00Z",
  "url": "/companies/ba9bcNKc/config/callbacks/11887",
  "created_at": "2018-04-27T21:37:09Z",
  "updated_at": "2018-04-27T21:37:09Z"
}

```

## Wallet Item Install Callback Event

This callback event is triggered when a new Wallet item has been installed for a given campaign. This data will be sent to whichever url was specified in the initial callback registration.

```

{
  {
    "event_id": "5725c57e-f4bf-47e3-8b1f-6b47e532157a",
    "event_type": "wallet_item_install", //deprecated
    "event_date": "2018-05-07T15:27:33.664Z",
    "wallet_instance": {
      "registered_at": "2017-01-14T14:30Z",
      "unregistered_at": NULL,
      "wallet_instance_uid": "ec5035b8-349d-47e4-aef1-21bef2220c26",
      "provider": "google"
    },
    "wallet_item": {
      "uuid": "item-uuid",
      "wallet_object_uid": "j8hddfgu65-349d-47e4-aef1-5ujdf2220c26",
      "expiration_date": "2017-01-14T14:30Z",
      "tokens": {
        "first_name": "Calrissian"
      },
      "url": "/companies/bi3bwNRk/campaigns/wallet/r3zhm8/items/item-uuid"
    },
    "wallet_campaign": {
      "wallet_campaign_uid": "cc2ba6ca-557f-4335-9df0-ee5d3c541d0a",
      "token": "r3zhm8",
      "url": "/companies/bi3bwNRk/campaigns/wallet/r3zhm8/"
    }
  }
}

```

## Wallet Item Remove Callback Event

This callback event is triggered when a new Wallet item has been removed for a given campaign.

```
{
  "event_id": "5725c57e-f4bf-47e3-8b1f-6b47e532157a",
  "callback_type": "wallet_item_remove",
  "event_type": "wallet_item_remove", //deprecated
  "event_date": "2018-05-07T15:27:33.664Z",
  "wallet_instance": {
    "registered_at": "2017-01-14T14:30Z",
    "unregistered_at": "2018-01-14T14:30Z",
    "wallet_instance_uid": "ec5035b8-349d-47e4-aef1-21bef2220c26",
    "provider": "google"
  },
  "wallet_item": {
    "uuid": "item-uuid",
    "wallet_object_uid": "j8hddfugu65-349d-47e4-aef1-5ujdf2220c26",
    "expiration_date": "2017-01-14T14:30Z",
    "tokens": {
      "first_name": "Calrissian"
    },
    "url": "/companies/bi3bwNRk/campaigns/wallet/r3zhm8/items/item-uuid"
  },
  "wallet_campaign": {
    "wallet_campaign_uid": "cc2ba6ca-557f-4335-9df0-ee5d3c541d0a",
    "token": "r3zhm8",
    "url": "/companies/bi3bwNRk/campaigns/wallet/r3zhm8/"
  }
}
```

For information on how to register your endpoint to receive callbacks, see [Callback Configuration](#)

### Additional Resources

- [Client Certificate Authentication for Callbacks from the Vibes Platform](#)