

API External Release Notes

12th March 2021





Contents

- 1. Document Control3
- 2. Release Deployment Dates.....3
- 3. AFEX API Documentation.....4
- 4. Release Notes / Features4
 - 4.1. Feature Summary4
 - 4.2. Create Batch Trades.....5
 - 4.3. Create Batch Payments.....7
- 6. Support9

1. Document Control

Title	External Release Notes 20th November 2020
Document Owner	Lead IT Programme Manager EMEA (Integrated Solutions)
Author	Sean Beavis
Date Created	12 th March 2021
Document Purpose	The purpose of this document is to inform AFEX's API partners of the changes, updates and enhancements being deployed in AFEX's March 2021 Production and Demo release. This is so partners are enabled to make any required code changes to their software accordingly and enquire about any enhancements they would like to implement.
Target Audience	AFEX Partners / Developers

Revision History

Version	Date	Author	Change
0.1	12/03/2021	Sean Beavis	Document Created
1.0	24/03/2021	Sean Beavis	Release Notes ready for publishing

2. Release Deployment Dates

Environment	Deployment Date
Production	Friday 12 th March 2021 PST
Demo	Thursday 18 th March 2021 PST



3. AFEX API Documentation

The published version of the AFEX API documentation (03.12.2021) includes all of the most recent enhancements detailed in this document and can be accessed via the link below:

<https://doc.api.afex.com>

4. Release Notes / Features

Note: The endpoint URLs used throughout this document are of the AFEX API DEMO Environment. These are shown for testing / illustration purposes only and are not representative of Production endpoints.

4.1. Feature Summary

AFEX’s March 2021 release sees two new exciting Batch Creation API methods added to the DirectAPI collection. The table below provides a summary of the new features and enhancements detailed in this document.

Feature	Feature Details
Create Batch Trades	A new ‘Create Batch Trades’ method has been added to AFEX’s DirectAPI suite of services. This method enables partners to submit multiple trade creation requests to AFEX all within this single batch trades API method.
Create Batch Payments	A new ‘Create Batch Payments’ method has also been added to AFEX’s DirectAPI suite. This method enables partners to submit multiple scheduled payment creation requests to AFEX within this single batch payments API method.

4.2. Create Batch Trades

This month's release sees the inclusion of two new batch creation API methods within AFEX's DirectAPI suite of services. The first one that shall be detailed is the new 'Create Batch Trades' method. AFEX's [POST Create Batch Trades](#) method enables our partners to submit multiple Spot and Outright Forward trades all within a single API request to AFEX.

For partners who process larger volumes of trades/payments or have periods of increased transactional requirements, the 'Create Batch Trades' method will allow up to a maximum of 100 trade entries to be submitted via the API in this single batch trades method. One benefit of consolidating your trade/payment requirements into the batch trades method is that it will reduce the technical resource utilization on both the integrated partner and AFEX sides.

Similar to [POST Create trade](#), funds that are converted with the new batch trades method can be paid directly to multiple beneficiaries by supplying their Vendor ID's in the request, or alternatively, to a client's own currency funding balance account with AFEX.

- Under the 'Trades' folder on AFEX's API documentation collection, you will find the new **POST api/v1/trades/BatchCreate** method. The example below shows multiple trades with varying beneficiaries attached being created via one request to the batch trades method. Each trade has its own unique trade number returned alongside the rate and value date in which it was booked at.

The screenshot displays an API client interface with the following details:

- Method:** POST
- URL:** {{AFEXAPI.Endpoint}}api/v1/trades/BatchCreate
- Request Body (JSON):**

```

2 {
3   ... "Amount": "100",
4   ... "CP_Ref": "T001",
5   ... "FeeAmt": "",
6   ... "IsAmountSettlement": "FALSE",
7   ... "QuoteID": "89503403",
8   ... "SettlementCcy": "GBP",
9   ... "TradeCcy": "EUR",
10  ... "ValueDate": "03/23/2021",
11  ... "VendorId": "AncientRomeTours"
12 },
13 { ... "Amount": "150",
14   ... "CP_Ref": "T002",
15   ... "QuoteID": "30943415",
16   ... "RemitId": "",
17   ... "SettlementCcy": "GBP",
18   ... "TradeCcy": "EUR",
19   ... "ValueDate": "03/23/2021",
20   ... "VendorId": "SpainTours"

```
- Response Body (JSON):**

```

1 [
2 {
3   "Message": "Transaction(s) Submitted",
4   "MessageDetail": "One or More Transaction(s) Submitted Successfully",
5   "CP_Ref": null,
6   "Content": [
7     {
8       "TradeNumber": 407568,
9       "Amount": 100,
10      "Rate": 0.8617,
11      "TradeCcy": "EUR",
12      "SettlementAmt": 86.17,
13      "SettlementCcy": "GBP",
14      "ValueDate": "2021-03-23T00:00:00"

```
- Status Code:** 201 Created

A callout box with an arrow points to the response body, stating: "Multiple trades created via the new POST Create Batch Trades API method."

4.3. Create Batch Payments

In addition to the 'Create Batch Trades' method, a new 'Create Batch Payments' API method has also been included in this release. The [POST Create Batch Payments](#) method enables our partners to submit multiple scheduled payments within a single API request to AFEX (specifically, standalone payments with no FX trade requirement).

The 'Create Batch Payments' method will also allow up to a maximum of 100 payment entries to be submitted via the API in a single batch payments requests. Payments to multiple beneficiaries and of varying amounts can be made in one go utilising funds held on your AFEX currency funding balances.

- 1) Under the 'Payments' folder on AFEX's API documentation collection, you will find the new **POST api/v1/payments/BatchCreate** method. The example below shows multiple payments with varying beneficiaries attached being created via one request to the batch payments method. Each payment has its own unique reference number returned alongside the confirmed payment date in which it was scheduled for.

The screenshot displays an API client interface with a sidebar on the left containing a navigation menu. The main area shows a POST request to the endpoint `{{AFEXAPI.Endpoint}}api/v1/payments/BatchCreate`. The request body is a JSON array of three payment objects. The response body is a JSON object with a success message and a list of payment details.

Request Body:

```
2 {
3   .... "Amount": "100",
4   .... "CP_Ref": "P001",
5   .... "PaymentDate": "03/23/2021",
6   .... "PopCode": "IVPT",
7   .... "VendorId": "AncientRomeTours"
8 },
9 {
10  .... "Amount": "150",
11  .... "CP_Ref": "P002",
12  .... "PaymentDate": "03/24/2021",
13  .... "PopCode": "SUPP",
14  .... "VendorId": "SpainTours"
15 },
16 {
17  .... "Amount": "200",
18  .... "CP_Ref": "P003",
19  .... "FeeAmt": "",
```

Response Body:

```
1 {
2   "Message": "Payment(s) Submitted",
3   "MessageDetail": "One or More Payment(s) Submitted Successfully",
4   "CP_Ref": null,
5   "Content": [
6     {
7       "ReferenceNumber": 259000,
8       "Amount": 100,
9       "Ccy": "EUR",
10      "PaymentDate": "2021-03-23T00:00:00",
11      "Message": "Scheduled payment successfully created.",
12      "CP_Ref": "P001"
```

A callout box with an arrow points to the response message: "Multiple payments created via the new POST Create Batch Payments API method."

6. Support

If you have any questions on the latest updates and enhancements that have been deployed in this release then please contact your regional IT Programme Manager:

Sean Beavis	Madlen Davtyan
<i>Lead IT Programme Manager (EMEA)</i>	<i>Global Integrated Solutions Manager (Americas)</i>
E: sbeavis@afex.com	E: mdavtyan@afex.com
DD: +44 (0)207 004 3882	DD: +001 818 728 3292

Marcello Aondio	Arpita Patel
<i>IT Programme Manager (EMEA)</i>	<i>IT Programme Manager (Americas)</i>
E: maondio@afex.com	E: apatel@afex.com
DD: +44 (0)207 004 3819	DD: +001 818 728 3879