



API Documentation for Walletmix Online Payment Gateway

Walletmix Limited

House No: 2/B, Road No: 08, Nikunja - 02, Khilkhet, Dhaka-1229.

Contact Number: 01974002244

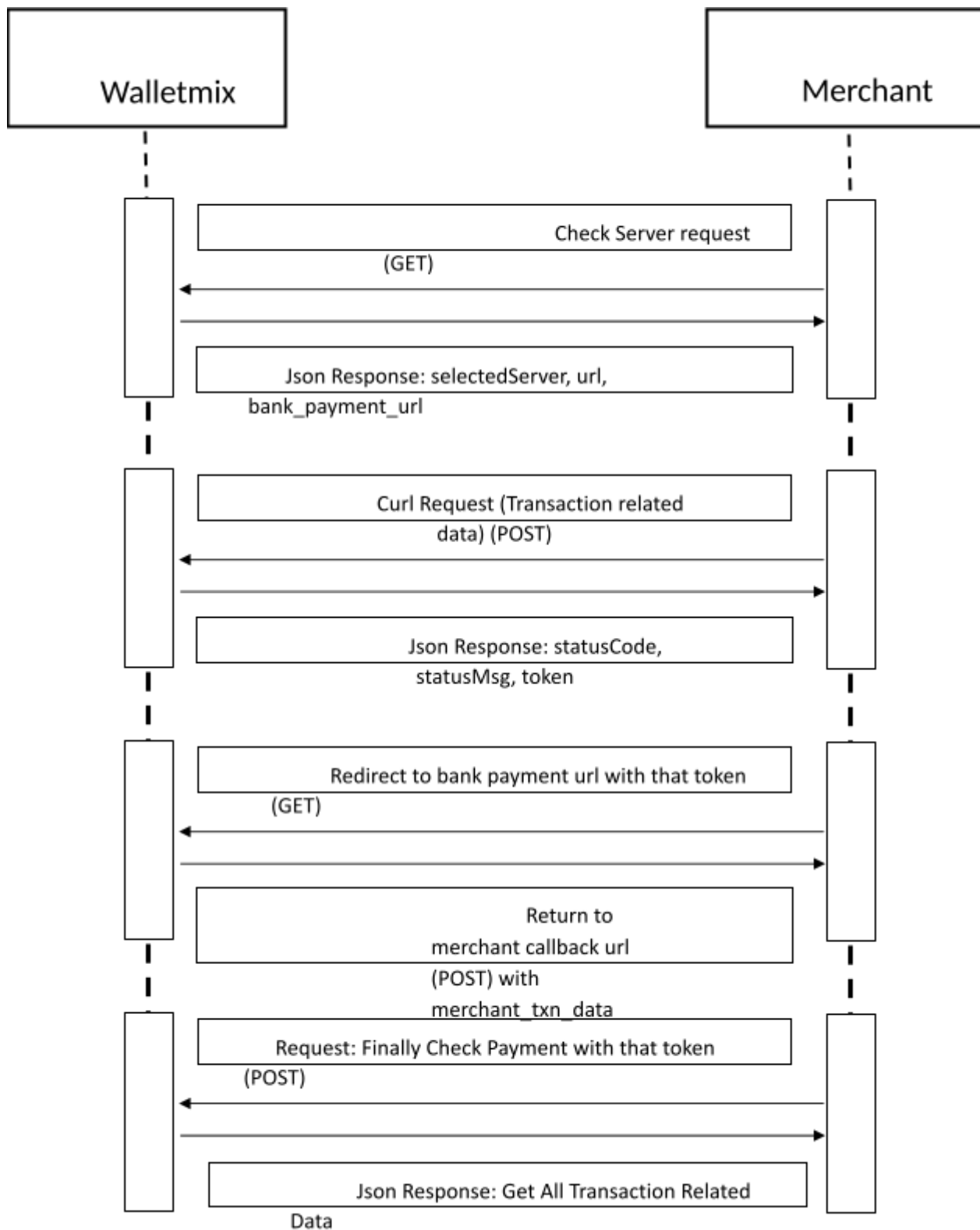
1. Objective of the Document

This document will serve as a guide for developers/merchants who want to integrate Walletmix Payment Gateway for performing real time transaction verification against relevant services or banks. This will assist the merchants to prepare their infrastructure for integration with Walletmix Gateway.

2. Basic Integration Process in 10 Steps

1. To use the payment gateway service, merchants need to register Walletmix payment gateway service using a registration form. After successful registration, merchants will get a Merchant ID, Access App Key, Service access user name and password provided by Walletmix Limited.
2. Customers will place an order like checkout from the merchant's website.
3. All transaction related data will be stored in the merchant's database with an auto increment unique order_id field. Example: order_id = 105.
4. Then merchants have to check server status to invoke **"check-server"**.
5. Merchant will use the Walletmix Provided Merchant ID, Access App Key, Service access user name, password and that transaction related data to invoke **"init-payment- process"**. When invoke to **"init-payment-process"** Merchant will get a response of unique **token** against transaction related data after authentication & some validation; otherwise the merchant will get an error code and message.
6. Merchant will forward a URL using GET method with that token and Customer will confirm the payment.
7. After completing success or fail transaction it will forward to merchant callback URL using POST method with that token, transaction status and merchant order id.
8. Don't trust these parameters. Merchant will have to again check transaction status to invoke **"check-payment"** with Merchant ID, Access App Key, Service access user name, password and that **token**.
9. Then merchant will get a response of that transaction status
10. Depending on the provided status can be updated in your database with that order_id.Example:
order_id = 105

3. Technical or Backend Integration Process



3.1 Check Server Status

GET METHOD

Details Method: GET

Request URL: <https://sandbox.walletmix.com/check-server>

Response:

```
{
  "selectedServer": true,
  "url": "https://sandbox.walletmix.com/init-payment-process",
  "bank_payment_url": "https://sandbox.walletmix.com/bank-payment-proces"
}
```

GET	https://sandbox.walletmix.com/check-server	Send	Save
Params	Authorization	Headers (10)	Body
Query Params			
KEY	VALUE	DESCRIPTION	...
Key	Value	Description	Bulk Edit

Body	Cookies (2)	Headers (9)	Test Results	Status: 200 OK	Time: 222 ms	Size: 1.12 KB	Save Response
Pretty	Raw	Preview	Visualize	JSON			
1							
2							
3							
4							
5							

3.2 Request for Payment

3.2.1 CURL Request

Merchants send all transaction related data to walletmix using curl requests and generate a unique token against this data.

Method: POST

Request URL: Get From **3.1. Get Server Detail**

3.2.2 Request Parameters

PARAMETERS	Data Type	MANDATORY	DESCRIPTION	DETAILS
wmx_id	String (16)	Yes	Merchant ID	Length : 16 alphanumeric eg : WMX1234567891234
merchant_order_id	String (50)	Yes	Merchant Order ID	Max : 50 alpha dash eg : 105, OID105, oid_105
merchant_ref_id	String (20)	Yes	Unique Merchant Reference ID	Min : 5 Max : 20 alpha dash eg : 571607886240c
customer_name	String (50)	Yes	Customer Name	Min : 5 Max : 50 String eg : Michel Schofield
customer_email	String (100)	Yes	Customer Email	Max : 100 valid email eg : schofield@gmail.com
customer_add	String (200)	Yes	Customer Address	Max : 200 String eg : House:01,Road:08,Nikunja-2,Dhaka-1229
customer_city	String (50)	No	Customer City	Max : 50 String eg : Dhaka
customer_country	String (50)	No	Customer Country	Max : 50 String eg : Bangladesh
customer_state	String (50)	No	Customer State	Max : 50 String eg : Bangladesh
customer_postcode	Number (10)	No	Customer Postcode	Min : 3 Max : 10 string eg : 1229
customer_phone	Number (15)	Yes	Customer Phone	Min : 6 Max : 15 Numeric eg : 01910000000
shipping_name	String (50)	No	Shipping Name	Min : 5 Max : 50 String eg : Michel Schofield
shipping_add	String (200)	No	Shipping Address	Max : 200 String eg : House:01,Road:08,Nikunja-2,Dhaka-1229
shipping_city	String (50)	No	Shipping City	Max : 50 String eg : Dhaka
shipping_country	String (50)	No	Shipping Country	Max : 50 String eg : Bangladesh
shipping_postcode	Number (10)	No	Shipping Postcode	Min : 3 Max : 10 string eg : 1229
product_desc	String (500)	Yes	Product Description	Max : 500 String eg : Core i5 laptop 8th generation

amount	Number (1000000)	Yes	Amount	Min : 10 Max : 1000000 Numeric eg : 01910000000
currency	String (3)	Yes	Currency	Length : 3 alpha eg : BDT,USD
extra_json	json String (500)	No	Extra Json Data	max : 500 json string eg : {"param_1":"data_1","param_2":"data_2","param_3":"data_3"}
emi_period	Number	No	For EMI	value : 3,6,9,12,18,24,36
callback_url	String URL	Yes	Callback URL	http://example.com/callback.php
access_app_key	String (64)	Yes	Access App Key	Max : 64 alphanumeric eg :3dad54sf6sdf476crb64r274352348c5223452

3.2.3 Request Response

```
{
  "statusCode": "1000", "statusMsg": "Success",
  "token": "7341n23498jd923jd3487wjrc2t837487rcyqwerq9834"
}
```

POST

https://sandbox.walletmix.com/init-payment-process

Send

Save

Params

Authorization

Headers (10)

Body

Pre-request Script

Tests

Settings

Cookies

Code

none

form-data

x-www-form-urlencoded

raw

binary

GraphQL

KEY	VALUE	DESCRIPTION	...	Bulk Edit
☒ wmx_id	WMXG			
☒ merchant_order_id	13			
☒ merchant_ref_id	dagdfr3f4f97E			
☒ app_name	walletmix.com			
☒ cart_info	WMX54f			
☒ customer_name	Tester			
☒ customer_email	k@markopolo.ai			
☒ customer_add	abcd avasdasgasvcas			
☒ customer_city	Dhaka			
☒ customer_country	Bangladesh			
☒ customer_postcode	1212			
☒ customer_phone	+8801794603050			
☒ product_desc	2 Facebook Dynamic Ads, 3 Facebook Static Ads, total 21 days...			

Body

Cookies (2)

Headers (9)

Test Results

Status: 200 OK

Time: 837 ms

Size: 1.07 KB

Save Response

Pretty

Raw

Preview

Visualize

JSON

```
1 {
2   "statusCode": "1000",
3   "statusMsg": "Success",
4   "token": "U17h5i1DWj"
5 }
```

3.2.4 Forwarding URL

After receiving a token from Walletmix Payment Gateway, Merchant will forward to the following URL using the get method. Then complete the payment process.

Method: GET

Request URL: <https://sandbox.walletmix.com/bank-payment-process/7341n23498jd923jd3487wjrc2t837487rcyqwerq9834>

3.3 Merchant Callback

After completing a successful or failed transaction it will make a post request to the merchant callback URL with “merchant_txn_data” key.

Method: POST.

Key: “merchant_txn_data” (Receive post data using this key)

Value:

```
{  
  "token": "7341n23498jd923jd3487wjrc2t837487rcyqwerq9834", "txn_status": "1000",  
  "merchant_order_id": "105",  
}
```

3.4 Check Payment Status

3.4.1 CURL Request

Method: POST

Request URL: <https://sandbox.walletmix.com/check-payment>

3.4.2 Request Parameter

FIELD NAME	DESCRIPTION	SAMPLE VALUE
wmx_id	Merchant ID	WMX1234567891234
authorization	Authorization	Basic 645623476crb64r274352348c52234==
access_app_key	Access App Key	3dad54sf6sdf476crb64r274352348c5223452
token	Generated Token	7341n23498jd923jd3487wjrc2t837487rcyqw erq9834

Request

POST

https://sandbox.walletmix.com/check-payment

SendSave

Params

Authorization

Headers (10)

Body

Pre-request Script

Tests

Settings

none

form-data

x-www-form-urlencoded

raw

binary

GraphQL

KEY	VALUE	DESCRIPTION
☒ wmx_id	WMX54f1b4d3294d7	
☒ authorization	Basic d214XzE2NzY2Xzc0NjE6d214XzE2NzY2Xzl0MzE0	
☒ access_app_key	92dfc66dfde7fbc2cbb1debbb7dc64180379a165	
☒ token	yQbgatujKTpEMpsK4ZB820Cah3AQ3U7CDY41pHEWKdqH39F...	

Responses

```

1 {
2   "wmx_id": "WMX-XXXXXXXXXX",
3   "token": "f974422ff493XXXXXXXXXXadb120a5XXXXXXXXXX2",
4   "merchant_req_amount": "2430.00",
5   "merchant_currency": "BDT",
6   "merchant_amount_bdt": "2430.00",
7   "conversion_rate": "1.00",
8   "wmx_charge_bdt": "48.60",
9   "service_ratio": "2.00",
10  "bank_amount_bdt": "2478.60",
11  "discount_bdt": "0.00",
12  "merchant_order_id": "1",
13  "request_ip": "110.44.0.138",
14  "txn_status": null,
15  "card_details": null,
16  "is_foreign": 0,
17  "payment_card": "QCASH-Qcash",
18  "card_code": "8001",
19  "payment_method": "5004",
20  "init_time": "2016-10-30 17:21:48",
21  "txn_time": "2016-10-30 17:28:05"
22 }

```

3.4.3 Response Fields

FIELD NAME	DESCRIPTION	SAMPLE VALUE
wmx_id	Merchant ID	WMX1234567891234
token	Transaction Token	7341n23498jd923jd3487wjrc2t837487rcyqwerq9834
merchant_req_amount	Merchant Request Amount	200.00
merchant_currency	Merchant Currency	BDT/ USD/ EUR
merchant_amount_bdt	Merchant Amount BDT	200.00
conversion_rate	Currency Conversion Rate	0/100.00/ 200.00/ 300.00
wmx_charge_bdt	Walletmix Service Charge	0.00
service_ratio	Walletmix Service Ration	0.0
bank_amount_bdt	Bank Amount BDT	200.00
discount_bdt	Discount Amount	0.00
merchant_order_id	Merchant Order ID	105
request_ip	Request IP	192.168.0.100
txn_status	Transaction Status (1000 for success otherwise failed)	1000,1001,1009
Is_foreign	Foreign Transaction Status (0 for Local 1 for foreign)	0,1
txn_details	Transaction Details	Send from Bank
card_details	Card Details	Visa /master/country ...
payment_card	Payment Card	BRAC-Visa
init_time	Initialize Time	2016-01-11 11:15:02
txn_time	Transaction Time	2016-01-11 11:17:02

3.5 Transaction Status Codes

TXN_STATUS	MESSAGE	INTERPRETATION
1000	Successful Transaction	Transaction SUCCESS
1001	Transaction Failure	Transaction REJECTED
1009	Transaction Failure	Transaction CANCELED
NULL	Transaction Failure	Transaction ATTEMPT

3.6 Sample Source Code

- ✓ Walletmix Class File
 - <http://pastebin.com/T6wBsEQU>
- ✓ Data Submission File
 - <http://pastebin.com/iee37Y98>
- ✓ Data Callback File
 - <http://pastebin.com/MwG0DDje>