TLCFZC MERCHANT OTP
API

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FOREWORD

This is the Application Programming Interface of the **TLCFZC Merchant OTP API** developed by **Telcom Live Content FZC**.

This API was written to help the application developers learn how to integrate with TLCFZC Merchant OTP API.

This API assumes that you are:

- familiar with the system and has a background with computers;
- conversant with HTTP GET

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Contents

1. INTRODUCTION

The purpose of this document is to guide the merchant to integrate the moov money to their platform.

This will allow the customer to pay moov money by using the merchant website or mobile application.

2. Connectivity

The request element sent to the Moov Money Wallet System should conform the following.

- HTTPS is used in the URL for communication.

- The request type is JSON / HTTP POST.

The application submits all requests to the Mobile Money Wallet System using the following URL:

URL: https://196.28.245.227/tlcfzc_gw/api/gateway/3pp/transaction/process

POST Body
Following are the parameters contained in the POST body with their description:

ITEM	TYPE	REPEATABLE	DESCRIPTION
HEADERS	String	N	Authentication token to be calculated per request
JSON REQUEST	Object	Y	Operation to execute

The HEADERS which is always included on the request are composed with the following.

TOKEN PARAMETER	COMMENT
Authorization	Basic Authentication
command-id	Command to be executed

Username and Password for the basic authentication will be shared Command id value can be checked on each method.

1. Merchant OTP Payment Initiated Transaction

Command-id: process-create-mror-otp

Name	Type	Required	Definition
Request-id	String	Yes	3pp transaction id
Destination	String	Yes	MSISDN to be debited
Amount	Numeric	Yes	Transaction amount
Remarks	String	Yes	Merchant remarks
Extended-data	String	Yes	Optional json object
Module	String	Yes	Identification of request

Sample Request

```
{
        "request-id": "EFN-PPTvd-zlvn1c4bpYqLltrtr7fR97DULqQ1YN",
        "destination": "22662356789",
        "amount": "1000",
        "remarks": "OTP Merchant",
        "extended-data": {
        "module": "MERCHOTPPAY"
        }
}
```

Sample Response

```
{
        "request-id": "EFN-PPTvd-zlvn1c4bpYqLltrtr7fR97DULqQ1YN",
        "trans-id": "MROR220817.0959.J00000",
        "status": "0",
        "message": OTP généré avec succès, le SMS sera envoyé au numéro de
    client"
}
```

The customer will have received an sms with OTP from the moov money

2. Validation of OTP

Command-id: process-commit-otppay

Name	Type	Required	Definition
Request-id	String	Yes	3pp transaction id
Destination	String	Yes	MSISDN to be debited
Amount	Numeric	Yes	Transaction amount
Remarks	String	Yes	Merchant remarks
Extended-data	String	Yes	Optional json object
Module	String	Yes	Identification of request
OTP	Numeric	Yes	One time Pin
Ext1	String	Yes	Details from Merchant
Ext2	String	Yes	Details from Merchant
Trans-id	String	Yes	Transaction id received from generating OTP

Sample Request

```
{
        "request-id": "TESET-12312323",
        "destination": "22662356789",
        "amount": "1000",
        "remarks": "Merchant Payment with OTP",
        "extended-data": {
        "module": "MERCHOTPPAY",
        "otp": "170786",
        "ext1": "123123123",
        "ext2": "fgdfgdfg",
        "trans-id": " MROR220817.0959.J00000"
}
}
```

Sample Response

```
{
        "request-id":"TESET-12312323",
```

```
"trans-id":"OMRCH220817.1020.J00020",
"status":"0",
"message": "Commit Success"
}
```

3. Resend OTP

Command-id: process-mror-resend-otp

Name	Type	Required	Definition
Request-id	String	Yes	3pp transaction id
Destination	String	Yes	MSISDN to be debited
Amount	Numeric	Yes	Transaction amount
Remarks	String	Yes	Merchant remarks
Extended-data	String	Yes	Optional json object
Module	String	Yes	Identification of request
Ext1	String	Yes	Reference id of OTP Initiation Request

Sample Request

```
{
    "request-id": "zlvn1c4bpYqLlSf9e7fR97DULqQ1YN",
    "destination": "22662356789",
    "amount": "0",
    "remarks": "RESEND OTP",
    "extended-data": {
    "module" : "MERCHOTPPAY",
    "ext1" : "MROR220910.1900.J00002"
    }
}
```

Sample Response

3. Transaction status codes

Status	Description
401	Not authorized
404	Link not found
500	Internal Error
0	Success
12	Failed
15	Unknown
1	System Busy

900227	Transaction not Valid
900228	OTP Not exists
900229	OTP expired
13	OTP Alreay used
14	Transaction no longer valid