Paytm Food Wallet API Integration Document

Version 1.0

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Introduction

Using Merchant Add fund to sub-wallet API, corporates can transfer funds to a Paytm sub-wallet linked to customer's email-ID or mobile #. The sub-wallet amount will be credited to user account only if the user is registered with Paytm. If the user is not registered with Paytm, the transaction to add funds to sub-wallet will fail.

Production URL: https://trust.paytm.in/
Staging URL: https://trust-uat.paytm.in/

Checksum Integration

checkSumServiceHelper.generateChecksum("AesKey","body");

- **AesKey** is shared by wallet team after creating new merchant. It's unique across merchants.
- **body** contains the json request.

It will return checksum hash which needs to be added to the header as value of key "checksumhash". Merchant id needs to be provided as value of key "mid".

Add Funds to Sub-wallet API

This API is used to create and credit GIFT/FOOD sub wallet

URI: /wallet-web/addFundsToSubWallet

Headers:

Common HTTP headers across all api calls.

Content-Type: application/json

checksumhash: ## Checksum Hash ##

mid: ## Merchant ID ##

*** Checksumhash is calculated by checksum utility.**

REQUEST

```
{
  "request": {
        "merchantGuid":"23aasdf1-234a-sfer-23qw-234skjhdfsd",
        "merchantSubWalletGuid":"321456",
        "payeeEmailId":"abc@xyz.com",
        "payeePhoneNumber":"1234509876",
        "merchantOrderId":"abc-def-ghi-xyz",
```

```
        "amount":"1000",
        "currencyCode":"INR",
        "userSubWalletType":"FOOD",
        "comment":"Monthly food coupon"
        }
}
```

Query Variable	Description	Attribute	Comments
merchantGuid	Merchant Identifier in the system	String	Mandatory
merchantSubWalletGuid	Merchant sub-wallet Identifier	String	Mandatory
payeeEmailId	Payee Email Address	String	
payeePhoneNumber	Payee Mobile Number	String	
merchantOrderId	For maintaining system idempotent	String	Mandatory
amount	Amount to be transferred	BigDecimal	Mandatory
currencyCode	Currency Code	String	Mandatory
userSubWalletType	FOOD or GIFT	Enum	Mandatory
comment	Comment	String	Optional

Response:

1. Success : For Successful transfer of money

```
{
"requestGuid": null,
"orderId": null,
"status" :"SUCCESS"
"statusCode": "SUCCESS",
"statusMessage": "SUCCESS",
"response": {
    "walletSystemTxnId": "c529fdf0-9af7-11e3-852b-000c292554b0",
},
"metadata": null
}
```

2. Failure : For failure in transferring the money

```
{
"requestGuid": null,
"orderId": null,
"status" :"FAILURE"
"statusCode": "WM_1001",
"statusMessage": "Could not complete request. Please retry again",
```

```
"response": {
    "walletSystemTxnId" : null,
    "heading" : null
},
"metadata": null
}
```

Result Variable	Description	Attribute
requestGuid	Txn_owner_guid	String or null
orderId	Merchant order ID	String or null
statusCode	API Response	String
statusMessage	API Response	String
walletSystemTxnId	Transaction Id On successful transaction	String or null
Heading	Heading text if required	String or null

Error Codes:

STUCFG_1000=Corporate wallet not found, please verify walletGuid.
STUCFG_1001=Payee wallet could not be found.
STUCFG_1003=Merchant can't transfer money to his own wallet.
STUCFG_1005=Invalid Corporate wallet guid parameter, please verify.
STUCFG_1006=MerchantOrderId parameter value missing.
STUCFG_1007=Invalid merchantOrderId, systemTxnRequest with given merchantOrderId already exist.
STUCFG_1008=Invalid userId, email or phone no.
STUCFG_1010=Payee mobile not verified
STUCFG_1011=Payee email not verified
STUCFG_1012=Payee mobile and email not verified
STUCFG_1016=Wallet not supported for adding funds to subwallet.
STUCFG_1017=Sub Wallet not assigned to merchant.
STUCFG_4001= Fund cannot be refilled in this wallet.
STUCFG_4002= Invalid Type of SubWallet in request.
STUCFG_4003= Funds cannot be added as user wallet type is basic. Upgrade user to Prime wallet type.
STUCFG_4004= MerchantSubWallet Detail missing

Check Status API

This API provides status of given transaction

Request Headers:
Common HTTP headers across all api calls.

Content-Type: application/json

checksumhash: ## Checksum Hash ##

mid: ## Merchant ID ##

URI: wallet-web/checkStatus

Request Body:
```
{
 "request": {
   "requestType":"wallettxnid",
   "txnType":"salestouserfood",
   "txnId": "104"   ,
   "merchantGuid":"437C9580-63DC-11E3-828F-3859F9E35B01"

 },
 "platformName": "PayTM",
 "operationType": "CHECK_TXN_STATUS"
}
```

Request Attribute Definition:

Query Variable	Description	Attribute	Comments
requestType	requestType fields can contains below value: *merchanttxnid // search based on Merchant order id wallettxnid // search based on Paytm Txn Id refundreftxnid // search based on refund refernce id*	String	Mandatory
txnType	For fetching a particular type txn status, need to sent txnType . Like for fetching a status of withdraw type txn need to sent txnType="withdraw". txnType can be null or one of below FOOD / GIFT *// For add funds in user subwallet*	String	Mandatory
txnId	txn id w.r.t request type and txn type	String	Mandatory
platformName	PayTM	String	Mandatory
operationType	CHECK_TXN_STATUS	String	Mandatory
merchantGuid	Merchant Guid	String	Mandatory

Success Response:

```
{
    "type": null,                          //For future use
    "requestGuid": null,                   //For future use
    "orderId": null,                           //For future use
    "status": "SUCCESS",                   //Status of API call
    "statusCode": "SS_001",                //Response Code
    "statusMessage": "SUCCESS",                //Respone Message
    "response":{
            "txnList": [
             {
                "txnGuid": "59",
                "txnAmount": 101,
                "status": 1,
                "message": "SUCCESS",
                "txnErrorCode": "",
                "ssoId": "11070128",
                "txnType": "SALES_TO_USER_CREDIT_FOOD",,
                "merchantOrderId": "queuetest1",     }
            ]
    }
}
```

Error Response:

```
{
    "status": "FAILURE",                        //Status of API call
    "statusCode": "CTS_0001",                   //Response Code
    "statusMessage": "Invalid request type,It can be    //Respone Message
            pgTxnId or pgRefundId or merchantTxnId
            or  walletTxnId"
    "response": null,
    "metadata": null
}
```

If txn exist in Paytm system for search criteria than response attribite contain jaon array for all txn's. Below is the attribute of each txn in the array,

Response Attribute:(attributes of child json of "response" attribute)

Result Variable	Description	Attribute
txnGuid	Transaction Id //paytm wallet txn id	String
txnAmount	Txn Amount	Double
status	Txn Status • 0 stands for INIT • 1 stands for SUCCESS • 2 stands for FAILURE • 3 stands for PENDING	String
message	Response Message	String
txnErrorCode	Response code corresponding to txn	Integer
ssoId	user unique id	String
txnType	Type of txn • //PAYER_TO_MERCHANT_TRANSFER stands for withdraw • //MERCHANT_TO_PAYER_REFUND stands for refund	String
merchantOrderId	Merchant txn reference number	String
pgTxnId	Txn Id at PG end	String
pgRefundId	Txn id for refund txn at PG end	String
isLimitPending	Txn is in pending state because of limit failure for user	boolean