

WiPay APIs for

PayTMIntegration

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**RevisionList**

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# Introduction

This document provides basic information about how to read response between Merchant applicationandWiPayapplicationwhileinteractingwithPayTM.ThecommunicationprotocoltobeusedissimpleHTTPandallrequeststoWiPay will happenthrough predefinedAPIs.

# BillingFlow

1. UserclicksonacontentlinkorServicelinkonMerchant'sportal/Application.
2. Merchant'sserverreceivestherequestfromBrowser/App.
3. Merchant'sserverredirectstherequesttoWiPaybillingAPIwithappropriateparameters.
4. WiPaywillvalidatetheparametersandifallparametersareproper,WiPayservercontactsMer-chant'sservertovalidatethe request.
5. Merchant'sserverhastoconfirmthatthereceivedorderbelongstotheserviceofferedbyMer-chant.
6. OnceWiPayreceivestheconfirmationfromMerchant'sserver,WiPayredirectstherequesttoPayTMpage.
7. WiPayreceivesthebillingstatusfromPayTM.
8. WiPayupdatesthebillingstatus(Success/Failure)toMerchant'sserver,throughservertoservercallback.
9. WiPayRedirectstheBrowsersessiontoMerchant'sURL.
10. As the interaction between WiPay and PayTM is through redirections, if Merchant is having a mo-bileapplication, theapplicationisexpectedtohandletheredirections properly.

# APIDefinitions

## Bill-BillingRequest

### Description

ThisAPIiscalledtomakeaPayTMbillingrequest.ThisURLneedstobeaccessedfromSubscriber’sunit (Handset) either from Application or through Browser’s redirection. Once WiPay server receivesEvent /NewSubscriptionRequestthe followingthings willhappen.

* ValidatestheinputparametersandvalidatestherequestusingValidateOrderURL,whichissharedbyMerchant.
* WiPayServerdoesredirectstherequesttoTPCGforThirdpartySecondconsentorDisplaytheLandingpagebasedontheConfiguration.
* AftergettingtheconfirmationfromOperator,WiPayserversendsthestatustoMerchantserverbycalling“StatusCallbackAPI” sharedby Merchant.
* BrowserSessionisredirectedtoRedirectURLsharedbyMerchant.

### InputParameters

Method:HTTPGET

Format:HTTPRequestParameters

|  |  |  |  |
| --- | --- | --- | --- |
| **Parameter Name** | **Description** | **Manda-tory** | **MaxSize** |
| mid | MerchantID(sharedbyWiPay) | Yes | 10 |
| Appid | AppID for Merchant's service. If Mer-chant has multiple applications/web portals,eachservicemayhavedifferentAppID.ThisfieldisreservedforFuturepurpose | No | 10 |
| cid | Event Billing : Content ID as defined by Merchant  Subscription Billing: Subscription Product ID Shared by WiCoRe | Yes | 30 |
| ctype | ContentType | No | 20 |
| bill\_type | * EVENT (default) * SUBSCRIPTION | Yes | 20 |
| price | Priceofcontentwhichisshowntotheuser. | Yes | 3 |
| cur | Currency.DefaultvalueisINR | No | 5 |
| order\_id | Merchant’sOrderIDwhichshouldbeuniqueforevery transaction. | Yes | 25 |
| user\_id | UserId | Yes | 100 |
| title | TitleoftheContent/Product | Yes | 100 |
| pg | Payment Gateway (Default PayTM) | No | 25 |
| customerName | Customer Name | No | 100 |
| customerEmail | Customer Email. Needed for Subscriptions. | Yes | 100 |
| customerPhone | Customer Phone | No | 100 |
| sign | MD5 Signature(generate encryption us-ingalgorithm& keysharedbyWiPay) | Yes | 500 |

### Response

AllResponsesaretobehandledthroughServertoServer CallbacksandRedirectionRequests.

### Example

**SampleURL:**http://<ip-address>/<host>/paytm/Bill?queryString

**Request–EventBilling:**

[http://dev.wicore.in/WiPay/paytm/Bill?](http://dev.clubsamsung.in/CheckSum/paytmAOC?agid=13&cid=1753&ctype=Games&price=2&ORDERID=12345)mid=5&cid=1753&ctype=GAMES&price=2&order\_id=201703101551&title=SafeDriving&user\_id=wicore126@gmail.com[&sign=1a2b79afe9dec452ceb5b52ad9d33847](http://dev.clubsamsung.in/CheckSum/paytmAOC?agid=13&cid=1753&ctype=Games&price=2&ORDERID=12345)

**Request–SubscriptionBilling:**

 http://dev.wicore.in/WiPay/paytm/Bill?[mid=5&cid=Wicore\_Game\_01&Email\_Id=wicore126@gmail.com&ctype=SUBSCRIPTION&bill\_type](mailto:mid%3D5%26cid%3DWicore_Game_01%26Email_Id%3Dwicore126@gmail.com%26ctype%3DSUBSCRIPTION%26bill_type)=SUBSCRIPTION&price=1&order\_id=201703101551&title=Games+Club+Premium+Weekly&sign=76cb8d1f18968db0e1a61660628aefc9&user\_id=wicore126 &sign=1a2b79afe9dec452ceb5b52ad9d33847

## ValidateOrder

### Description

'ValidateOrder”URLisusedforvalidatingtherequest(Bill)requestreceivedbyWiPayServer.ThisURLwillbeshared byMerchantServerto validateOrderId. OrderId shouldbe unique.

ThisURLwillbecalledbyWiPayGatewaytoMerchantServerwiththefollowinginput parameters.Mer-chant'sserver/infrastructureshallallowtherequestsinitiated fromWiPayServers.

### InputParameters

Method:Post

Content-Type:application/json

|  |  |  |  |
| --- | --- | --- | --- |
| **Parameter Name** | **Description** | **Manda- tory** | **MaxSize** |
| mid | MerchantID(sharedbyWiCoRe) | Yes | 3 |
| cid | Event Billing : Content ID as defined by Merchant  Subscription Billing: Subscription Product ID Shared by WiCoRe | Yes | 30 |
| ctype | Contenttype | Yes | 30 |
| bill\_type | * EVENT (Default)  * SUBSCRIPTION | No | 30 |
| price | Priceofcontent | Yes | 3 |
| title | Title of the Content/ Product | yes | 30 |
| order\_id | Merchant’s Order ID | Yes | 25 |
| sign | MD5 Signature | yes | 500 |

### OutputParameters

Content-Type:application/json

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **Parameter Name** | **Description** | | **Manda- tory** | **MaxSize** | |
| mid | MerchantID(sharedbyWiCoRe) | | Yes | 3 | |
| cid | Event Billing : Content ID as defined by Merchant  Subscription Billing: Subscription Product ID Shared by WiCoRe | | Yes | 30 | |
| ctype | Contenttype | | Yes | 30 | |
| bill\_type | * EVENT (Default) * SUBSCRIPTION | | Yes | 30 | |
| price | Priceofcontent | | Yes | 3 | |
| order\_id | Merchant’sOrderIDwhichshouldbeuniqueforeverytransaction. | | Yes | 25 | |
| title | Title of the Content/ Product | | yes | 100 | |
| error\_code | Errorcode,-1forsuccess,merchantspecificerrorcodes | | Yes | 3 | |
| error\_mes-  sage | ErrorDescriptions.SendEmptystring,ifnodescriptionis available | | Yes | 100 | |
| sign | | MD5 Signature(generate encryption us-ing algorithm & key shared by WiPay) | yes | | 500 |

### Example

**SampleURL:**http://<ThirdPartyIP>/<url>

#### EventandValuePackBilling:

Request

{"mid":"182","price":"1","order\_id":"123","ctype":"games","cid":"123"}

**Response Data:**

{"result":{"mid":"182","price":"1","order\_id":"123","ctype":"games","cid":"123"},"error\_message":"","error\_code":"-1"}

{"result":null,"error\_message":"Invalid request","error\_code":"101"}

#### SubscriptionBilling:

{"mid":"182","price":"1","order\_id":"123","ctype":"games",bill\_type":”SUBSCRIPTION”,cid":" Subscrion\_Product\_ID "}

ResponseData for subscription:

{"result":

{"mid":"182","price":"1","order\_id":"123","ctype":"SUBSCRIPTION","cid":" Subscrion\_Product\_ID ",”bill\_type”:”SUBSCRIPTION”,”title”:”titke of the content”},"error\_message":"","error\_code":"-1",”sign”:”generated sign”}

##### {"result":null,"error\_message":"Invalid request","error\_code":"101"}

## **Statuscallback**

### Description

Thisapiusedtosendastatus(success/failureetc)ofbillrequestbyWiPay.

ThisAPIneedstobeimplementedbyMerchantServerandwillbeaccessedbyWiPayserverwheneverthereisachangeinthebilling status.

### InputParameters

Method:Post

Content-Type: application/json

|  |  |  |  |
| --- | --- | --- | --- |
| **Parameter Name** | **Description** | **Mandatory** | **MaxSize** |
| mid | MerchantID(sharedbyWiCoRe) | Yes | 3 |
| CURRENCY | Currencyusedfortransaction.  1.INR | Yes |  |
| TXNID | Transaction ID generated by Wipay | Yes |  |
| PAYMENTMODE | Thepaymentmodeusedfortransac-tion. | No |  |

|  |  |  |  |
| --- | --- | --- | --- |
| **Parameter Name** | **Description** | **Mandatory** | **MaxSize** |
| ORDERID | Merchant’sTransactionIDwhichshouldbeuniqueforeverytransaction. | Yes | 25 |
| TXNAMOUNT | Amountthatischarged to customer | Yes | 3 |
| RESPMSG | Thiscontainsashortdescriptionofthetransaction status. In case of a failedtransaction the message will describe thepotentialreasonforthe failure.Thisfield  valueisprovidedbyPayTM | Yes |  |
| STATUS | Thiscontainsthetransactionstatusandhas onlytwovalues:   * TXN\_SUCCESS * TXN\_FAILURE | |  | | --- | | Yes | |  |
| RESPCODE | This is a numeric transaction responsecode. “01” implies successful transaction.Allothercodesrefertoatransactionfailurewith each code representing a differentreason for failure. Refer to sheet men-tioned in end of this document. This fieldvalueisprovidebyPayTM([3.8Response](#_bookmark0)  [CodeList(FromPayTM)](#_bookmark0)) | Yes |  |
| tx\_ts | TransactionTimeStampinyyyyMMddHH-mmss format. This field indicates the actualtimestampof that particulartransaction | Yes | 100 |
| status\_code | WiPayStatusCode([3.9Status](#_bookmark1)Code[List](#_bookmark1)) | Yes | 10 |
| status\_msg | WiPayStatusMessage | Yes |  |
| bill\_type | SUBSCRIPTION | Yes | 20 |
| cid | Event Billing : Content ID as defined by Merchant  Subscription Billing: Subscription Product ID Shared by WiCoRe | Yes | 30 |
| action | Action Parameters as mentioned in Section [Actions (used in Status Callback)](#_Actions_(used_in)Error: Reference source not found | Yes | 10 |
| valid\_from | From date (yyyyMMddHHmmss). Mainly used in subscription state changes. valid\_from may can be treated as start time of that particular state/transaction. | No |  |
| valid\_to | To date (yyyyMMddHHmmss). Mainly used in subscription state changes. valid\_to may be treated as potential expiry time of that particular state/transaction. This is an indicative value only as state of subscription may change before valid\_to timestamp. | No |  |

### Example

**SampleURL:**http://<ThirdPartyIP>/<url>

**RequestData**

{"mid":"182","ORDERID":"182-180620141453",”CID”:”Wipay\_product\_id”,"CURRENCY":"INR","TXNID":"358335039","TX-NAMOUNT":"100",”bill\_type”:”SUBSCRIPTION”,”VALIDFROM”:”yyyy/mm/dd”,”VALIDTO”:”yyyy/mm/dd”,"PAYMENTMODE":"DC",”SUBS\_ID”:”Paytm\_Sub\_id”,”ACTION”:”RENEWAL”,"RESPMSG":"CancelRequestbyCustomer","STA-

TUS":"TXN\_FAILURE","RESPCODE":"141","status\_code":"B105","status\_msg":"BillingStatus(BillingFailure)"}

**ResponseData**:

##### {"result":"Success","error\_message":null,"error\_code":"-1"}

##### {"result":"Failure","error\_message":"ORDERID isinvalid","error\_code":"107"}

## RequestRedirectUrl

### Description

This URL is called by WiPay Server whenever Browser Session has to be handed over to Mer-chant's Server.WheneverWiPayservercompletestherequest,WiPayserverredirectsthebrowsertothisURL.TheURLimplementationisto be done by Merchant.

### InputParameters

Method:GET

Format:HTTPRequestParameters

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Parameter Name** | **Description** | **Manda-tory** | | **MaxSize** |
| mid | AgencyID(sharedbyWiCoRe) | Yes | | 3 |
| CURRENCY | Currencyusedfortransaction.  1.INR | Yes | |  |
| TXNID | UniquePaytmtransactionIdthatisis-suedbyPaytmforeachvalidtransaction | Yes | |  |
| PAYMENT- MODE | Thepaymentmodeusedfortransac-tion. | No | |  |
| ORDERID | Merchant’sTransactionIDwhichshouldbeuniqueforeverytransaction. | Yes | | 25 |
| TXNAMOUNT | Amountthatistobechargedtothecus-tomer’scredit/debitcard | Yes | | 3 |
| RESPMSG | Thiscontainsashortdescriptionofthetransaction status. In case of a failedtransaction the message will describe thepotentialreasonforthe failure.Thisfield  valueisprovidebyPayTM | Yes | |  |
| STATUS | Thiscontainsthetransactionstatusandhas onlytwovalues:   * TXN\_SUCCESS * TXN\_FAILURE | Yes | |  |
| RESPCODE | This is a numeric transaction responsecode. “01” implies successful transaction.All other codes refer to a transaction fail-ure with each code representing a differ-entreasonforfailure.Refertosheetmen-tionedinendofthis document.Thisfield  valueisprovidebyPayTM.([3.8ResponseCodeList(FromPayTM)](#_bookmark0)) | Yes | |  |
| tx\_ts | TransactionTimeStampinyyyyMMddHH-mmss format. This field indicates the actualtimestampof that particulartransaction | Yes | | 100 |
| status\_code | StatusCode([3.9Status](#_bookmark1)CodeList) | Yes | | 10 |
| status\_msg | StatusMessage | Yes | |  |
| sign | MD5Signature(generateencryptionusingalgorithm& key sharedbyWiPay) | Yes | | 500 |
| bill\_type | * EVENT (Default) * SUBSCRIPTION | No | 20 | |
| cid | Event Billing : Content ID as defined by Merchant  Subscription Billing: Subscription Product ID Shared by WiCoRe | Yes (in case of Subscriptions only) | 30 | |
| action | This is always “Pending”. Please check the action parameter received in the status callback and act accordingly. | Yes (in case of Subscriptions only) | 10 | |

**SampleURL:**http://<ThirdPartyIP>/<url>

RequestData

**http://<ip-address>/<host>/callbackURL?**mid=182&cid=wipay\_product\_id&ORDERID=182-180620141453&CURRENCY=INR&TXNID=358335039&TXNAMOUNT=100&PAYMENTMODE=D&

action=NEW& RESPMSG=Cancel Request byCustomer&STATUS=TXN\_FAILURE&RESPCODE=141&status\_code=B105&status\_msg=Billing%20Sta-tus%20%28Billing%20Failure%29&sign=<MD5Sign>

## RefundAPI

### Description

ThisAPIiscalledtomakeaPayTMRefundrequest.ThisAPIwillbecalledfromMerchantServertoWi-PayServer.OnceWiPayserver receivesRefundRequestthefollowingthingswillhappen.

* Validatestheinputparameters.
* WiPayServerdoestheRefundrequesttoPayTM
* AftergettingtheresponsefromPayTM,WiPayserversendsthestatustoMerchantserver.

### InputParameters

Method:Post

Content-Type:application/json

|  |  |  |  |
| --- | --- | --- | --- |
| **Parameter Name** | **Description** | **Manda- tory** | **MaxSize** |
| mid | MerchantID(sharedbyWiCoRe) | Yes | 3 |
| user\_id | UserId | Yes | 100 |
| order\_id | Merchant’sOrderIDwhichshouldbeuniqueforeverytransaction. | Yes | 25 |
| org\_order\_id | This is the ORIGINALmerchant order Id that was sentbymerchanttoWiPayatthetimeoftransactionrequest. | Yes | 25 |
| org\_trans\_id | UniquePaytmtransactionIdthatisissuedbyPaytmforeachvalidtransaction | Yes |  |
| refund\_amount | Canbeequaltoorlesserthanthetxnamount | Yes | 3 |
| refund\_reason | Anycommentscanbegivenhere | No | 100 |
| bill\_type | * EVENT (Default) * SUBSCRIPTION | No | 20 |
| cid | * Event Billing : Content ID as defined by Merchant * Subscription Billing: Subscription Product ID Shared by WiCoRe | Yes (in case of Subscriptions only) | 30 |

### OutputParameters

Content-Type:application/json

|  |  |  |  |
| --- | --- | --- | --- |
| **Parameter Name** | **Description** | **Manda- tory** | **MaxSize** |
| mid | AgencyID(sharedbyWiCoRe) | Yes | 3 |
| user\_id | UserId | No | 100 |
| order\_id | Merchant’sUniqueOrderIDforeveryre-fundrequestsentbymerchanttoWiPay | Yes | 25 |
| org\_order\_id | This is the merchant order Id that was sentbymerchanttoWiPayatthetimeoftransactionrequest. | Yes | 25 |
| org\_trans\_id | UniquePaytmtransactionIdthatisissuedbyPaytmforeachvalidtransaction | Yes |  |
| refund\_amoun  t | Canbeequaltoorlesserthanthetxnamount | Yes |  |
| tx\_ts | Transaction Time Stamp in yyyyMMddHH-mmssformat.Thisfieldindicatestheactualtimestampofthatparticulartransaction | Yes | 100 |
| TXNAMOUNT | Amountthatistobechargedtothecus-tomer’scredit/debitcard | No | 3 |
| TXNID | ThisisauniquePaytmrefundIdthatisis-suedbyPaytmforeachvalidrefundrequest | Yes |  |
| RESPMSG | This contains a short description of thetransactionstatus.Incaseofafailedtransactionthe message will describe the potential reasonfor the failure. This field value is provide byPayTM | Yes |  |
| STATUS | Thiscontainsthetransactionstatusandhasonlythree values:   * TXN\_SUCCESS * TXN\_FAILURE * PENDING * REFUND\_SUCCESS * REFUND\_FAILURE | Yes |  |
| RESPCODE | This is a numeric transaction responsecode. “01” implies successful transaction. Allother codes refer to a transaction failure witheach code representing a different reason forfailure.Refertosheetmentionedinendofthisdocument.ThisfieldvalueisprovidebyPayTM([3.8Response](#_bookmark0)CodeList(FromPayTM)) | Yes |  |
| status\_code | WiPayStatusCode([3.9Status](#_bookmark1)CodeList) | Yes | 10 |
| status\_msg | WiPayStatusMessage | Yes |  |
| bill\_type | * EVENT (Default) * SUBSCRIPTION | No | 20 |
| cid | * Event Billing : Content ID as defined by Merchant * Subscription Billing: Subscription Product ID Shared by WiCoRe | Yes (in case of Subscriptions only) | 30 |

### Example

**SampleURL:**http://<ip-address>/WiPay/paytm/Refund

RequestData:

{"mid":"5","user\_id":"HQUser",”cid”:”WiPay\_Product\_id”,"org\_trans\_id":"6322890297","org\_order\_id":"20170623174901","re-fund\_amount":"1","order\_id":"20170600175229000001","refund\_reason":"UserRefund"}

ResponseData:

##### {"status\_code":"B100",”cid”:”WiPay\_product\_id”,"order\_id":"20170600175229000001","STATUS":"TXN\_SUCCESS","org\_trans\_id":"6322890297","TXNID":"313520524","status\_msg":"Success","TXNAMOUNT":"100.00","user\_id":"HQUser","mid":"5","org\_order\_id":"20170623174901","tx\_ts":"20170623175254","RESPMSG":"Refund Successful.","re-fund\_amount":"","RESPCODE":"10"}

## Transaction Status API

### Description

ThisAPIiscalledtomakeaPayTMTransactionStatusrequest.ThisAPIwillbecalledfromMerchantServertoWiPayServer.OnceWiPayserverreceivesTransactionStatusRequestthefollowingthingswillhappen.

* Validatestheinputparameters.
* WiPayServerdoestheTransactionStatusrequesttoPayTM
* AftergettingtheresponsefromPayTM,WiPayserversendstheTransactionstatustoMerchantserver.

### InputParameters

Method:Post

Content-Type:application/json

|  |  |  |  |
| --- | --- | --- | --- |
| **Parameter Name** | **Description** | **Manda- tory** | **MaxSize** |
| mid | MerchantID(sharedbyWiCoRe) | Yes | 3 |
| user\_id | UserId | Yes | 100 |
| order\_id | Merchant’s TransactionOrderIDwhichshouldbeuniqueforeverytransaction. | Yes | 25 |

### OutputParameters

Content-Type:application/json

|  |  |  |  |
| --- | --- | --- | --- |
| **Parameter Name** | **Description** | **Manda- tory** | **MaxSize** |
| mid | AgencyID(sharedbyWiCoRe) | Yes | 3 |
| user\_id | UserId | Yes | 100 |
| order\_id | Merchant’s TransactionOrderIDwhichshouldbeuniqueforeverytransaction. | Yes | 25 |
| tx\_ts | Transaction Time Stamp in yyyyMMddHH-mmssformat.Thisfieldindicatestheactualtimestampofthatparticulartransaction | No | 100 |
| TXNAMOUNT | Amountthatistobechargedtothecus-tomer’scredit/debitcard | No | 3 |
| TXNID | ThisisauniquePaytmtransactionIdthatisissuedbyPaytmforeachvalidrequest | No |  |
| RESPMSG | This contains a short description of thetransactionstatus.Incaseofafailedtransactionthe message will describe the potential reasonfor the failure. This field value is provide byPayTM | No |  |
| STATUS | Thiscontainsthetransactionstatusandhasonlythree values:   * TXN\_SUCCESS * TXN\_FAILURE * PENDING | Yes |  |
| RESPCODE | This is a numeric transaction responsecode. “01” implies successful transaction. Allother codes refer to a transaction failure witheach code representing a different reason forfailure.Refertosheetmentionedinendofthisdocument.ThisfieldvalueisprovidebyPayTM([3.8Response](#_bookmark0)CodeList(FromPayTM)) | No |  |
| status\_code | WiPayStatusCode([3.9Status](#_bookmark1)CodeList) | Yes | 10 |
| status\_msg | WiPayStatusMessage | Yes |  |
| bill\_type | * EVENT (Default)   SUBSCRIPTION | No | 20 |
| cid | Event Billing : Content ID as defined by Merchant   * Subscription Billing: Subscription Product ID Shared by WiCoRe | Yes (in case of Subscriptions only) | 30 |
| action | Susbcription State | Yes (in case of Subscriptions only) | 10 |

### Example

**SampleURL:**http://<ip-address>/WiPay/paytm/TxStatus

RequestData:

{"mid":"5","user\_id":"HQUser","order\_id":"20170600175229000001"}

ResponseData:

Examples

1. **NotValidated**

##### {"status\_code":"V052","status\_msg":"Merchant Order does notexist","user\_id":"izn6wlabcdefff","tx\_ts":"20171122145348",”cid”:”WiPay\_product\_id”,"mid":"5",”action”:”NEW”,"STATUS":"TXN\_FAILURE","order\_id":"20171122214307G34564565X"}

1. **UserSessionlost**

##### {"status\_code":"B105","TXNID":"7345622505","status\_msg":"BillingFailure","TXNAMOUNT":"1.00","RESPMSG":"Looks like you cancelled the payment. You can tryagain now or if you faced any issues in completing the payment, please contactus","user\_id":"izn6wlabcdefff","tx\_ts":"20171122113605",”cid”:”WiPay\_product\_id”,"mid":"195",”action”:”NEW”,"Status\_amount":"","STA- TUS":"PENDING","order\_id":"20171122113307G33424565X","RESPCODE":"810"}

1. **CancelbyUser**

##### {"status\_code":"B105","TXNID":"7345622505","status\_msg":"BillingFailure","TXNAMOUNT":"1.00","RESPMSG":"Looks like you cancelled the payment. You can tryagain now or if you faced any issues in completing the payment, please contactus","user\_id":"izn6wlabcdefff","tx\_ts":"20171122113605",”cid”:”WiPay\_product\_id”,"mid":"195","Status\_amount":"",”action”:”NEW”,"STA- TUS":"PENDING","order\_id":"20171122113307G33424565X","RESPCODE":"810"}

1. **Success**

{"status\_code":"B100","TXNID":"7345445970","status\_msg":"Success","TXNAMOUNT":"1.00","RE-SPMSG":"Txn Successful.","user\_id":"izn6wlabcd-efff","tx\_ts":"20171122102631",”cid”:”WiPay\_product\_id”,"mid":"195","Status\_amount":"",action”:”NEW”,"STATUS":"TXN\_SUCCESS","order\_id":"20171122101907G33424565X","RESPCODE":"01"}

## RefundStatusAPI

### Description

ThisAPIiscalledtomakeaPayTMRefundStatusrequest.ThisAPIwillbecalledfromMerchantServertoWiPayServer.OnceWiPayserverreceivesRefundStatusRequestthefollowingthingswillhappen.

* Validatestheinputparameters.
* WiPay ServerdoestheRefund Statusrequest toPayTM
* After gettingtheresponse from PayTM,WiPayserver sendstheRefund status to Merchant server.

### InputParameters

Method:Post

Content-Type:application/json

|  |  |  |  |
| --- | --- | --- | --- |
| **Parameter Name** | **Description** | **Manda- tory** | **MaxSize** |
| mid | MerchantID(sharedbyWiCoRe) | Yes | 3 |
| user\_id | UserId | Yes | 100 |
| order\_id | Merchant’sRefundOrderIDwhichshouldbeuniqueforeveryrefundrequest. | Yes | 25 |

### OutputParameters

Content-Type:application/json

|  |  |  |  |
| --- | --- | --- | --- |
| **Parameter Name** | **Description** | **Manda- tory** | **MaxSize** |
| mid | AgencyID(sharedbyWiCoRe) | Yes | 3 |
| user\_id | UserId | Yes | 100 |
| order\_id | Merchant’sRefundOrderIDwhichshouldbeuniqueforeveryrefundrequest. | Yes | 25 |
| tx\_ts | Transaction Time Stamp in yyyyMMddHH-mmssformat.Thisfieldindicatestheactualtimestampofthatparticulartransaction | No | 100 |
| refund\_amoun  t | Canbeequaltoorlesserthanthetxnamount | No |  |
| TXNAMOUNT | Amountthatistobechargedtothecus-tomer’scredit/debitcard | No | 3 |
| TXNID | ThisisauniquePaytmrefundIdthatisis-suedbyPaytmforeachvalidrefundrequest | No |  |
| RESPMSG | This contains a short description of thetransactionstatus.Incaseofafailedtransactionthe message will describe the potential reasonfor the failure. This field value is provide byPayTM | No |  |

|  |  |  |  |
| --- | --- | --- | --- |
| **Parameter Name** | **Description** | **Manda- tory** | **MaxSize** |
| STATUS | Thiscontainsthetransactionstatusandhasonlythree values:   * TXN\_SUCCESS * TXN\_FAILURE * PENDING * REFUND\_SUCCESS * REFUND\_FAILURE | Yes |  |
| RESPCODE | This is a numeric transaction responsecode. “01” implies successful transaction. Allother codes refer to a transaction failure witheach code representing a different reason forfailure.Refertosheetmentionedinendofthisdocument.ThisfieldvalueisprovidebyPayTM([3.8Response](#_bookmark0)CodeList(FromPayTM)) | No |  |
| status\_code | WiPayStatusCode([3.9Status](#_bookmark1)CodeList) | Yes | 10 |
| status\_msg | WiPayStatusMessage | Yes |  |

### Example

**SampleURL:**http://<ip-address>/WiPay/paytm/RefundStatus

RequestData:

{"mid":"5","order\_id":"20171124146507G33423565X","user\_id":"izn6wlfmvkr"}

ResponseData:

Examples

#### RefundSuccess

{"REFUND\_STATUS\_LIST":

{"status\_code":"B100","refund\_amount":"1.00","TXNID":"7349683323","status\_msg":"Success","TX- NAMOUNT":"1.00","user\_id":"izn6wlfmvkr","RESPMSG":"RefundSuccessful.","tx\_ts":"20171127115622","mid":"5","STATUS":"REFUND\_SUCCESS","order\_id":"201711 24146507G33423565X","RESPCODE":"10"}}

#### RefundFailure

{"REFUND\_STATUS\_LIST":{"status\_code":"B105","status\_msg":"BillingFailure","user\_id":"izn6wlfmvkr","tx\_ts":"20171127125610","mid":"5","STATUS":"REFUND\_FAIL- URE","order\_id":"20171124146507G33423565X"}}

#### InvalidOrder

{"REFUND\_STATUS\_LIST":{"status\_code":"V052","status\_msg":"Merchant Order does notexist","user\_id":"izn6wlfmvkr","tx\_ts":"20171127115833","mid":"5","STATUS":"TXN\_FAILURE","or- der\_id":"20171124146507G33423575X"}}

## Actions (used in Status Callback)

| **Actions** | **Description** |
| --- | --- |
| BILLED | Successfully Billed. Merchant is expected to provide the service to the user. |
| ACT | Subscription is Activated. Merchant is expected to allow the user to download the content. |
| DCT | Subscription is Deactivated. Service is no more valid for that user. |
| PENDING | Subscription Request is in Pending state. This is a temporary state and Subscriptions will be in this state till there is a notification from Operator. Merchant may/may not allow user to download the content. The appropriate message shall be displayed to the user. |
| PARKING | Subscription Request is in Parking State. In this state, Subscription is not active however there will be attempts made for billing for certain duration. In this state, merchant may/may not allow user to download the content. Appropriate message shall be displayed. |
| PARKINGEXIT | User is deactivated from Parking State. This state is similar to DCT state. |
| GRACE | Renewal of a Subscription failed sue to low balance. In this state, Merchant is expected to allow the user to download the content. Appropriate message shall be displayed. |
| SUSPEND | Attempts to Renewal of Subscription failed due to low balance during the “Grace” period. In this state merchant may/may not allow the user to download the content. Appropriate message shall be displayed. |
| CHURN | Attempts to Renewal of Subscriptions failed during “Suspend” period. This state is similar to DCT state. |
| RENEWAL | Successful Renewals have happened from ACT/RENWAL/GRACE/SUSPEND states. Merchant is expected to allow user to download the content. |
| CGCANCEL | User has Canceled the request from CG. |
| BILLERROR | Some billing error has occurred during billing attempt. |
| SYSTEMCANCEL | In certain scenarios, WiPay system may cancel the request based on operator's subscription's behavior. |
|  |  |

## Request Types

| **Request Types** | **Description** |
| --- | --- |
| SUB |  |
| UNSUB |  |
| SUBSTS |  |
| SUBLIST |  |

## ResponseCodeList(FromPayTM)

|  |  |
| --- | --- |
| 01 | TxnSuccessful. |
| 04 | Closed |
| 05 | Open |
| 06 | Pending |
| 10 | RefundSuccessful. |
| 11 | Refundbecauseanothertransactionwithsameorderidretrievedbytheuser. |
| 100 | Paytmhasclassifiedthetransactionassuspicious |
| 105 | Theuserhasmade3unsuccessfulattempts.Thetransactionhasbeenclassifiedassuspiciousanduserhasbeenblocked. |
| 106 | MaxTxnamountiscrossedforCustId |
| 107 | PerdayTxnamountiscrossedforCustId |
| 108 | PerWeekTxnamountiscrossedforCustId |
| 109 | PerMonthTxnamountiscrossedforCustId |
| 120 | PerdayTxncountiscrossedforCustId |
| 121 | PerWeekTxncountiscrossedforCustId |
| 122 | PerMonthTxncountiscrossedforCustId |
| 118 | Thetransactionamountspecifiedbytheuserexceedsthepertransac-tionlimit forthismerchant. |
| 119 | PerdayTxnamountiscrossed |
| 130 | USERisblockedatPaytmend. |
| 132 | IPAddressisblockedatPaytmend. |
| 133 | MobileNo.isblockedatPaytmend. |
| 134 | SubscriberisblockedwiththegivenDLNumber,PANCard,EmailIdandMSISDN |
| 140 | InvalidInputParameterfromMerchant |
| 141 | CancelRequestbyCustomer |
| 150 | DuplicateTransactionassimilartransactionwasseenin30sec |
| 151 | TransactionwiththesameorderIdalreadyexists |

|  |  |
| --- | --- |
| 152 | Merchantisnotassociatedwithchannel |
| 153 | ChannelisnotconfiguredwiththePaymentMode,AuthModeandCom-municationMode. |
| 155 | PerTxnamountiscrossedforwallet |
| 156 | PerdayTxnamountiscrossedforwallet |
| 157 | PerWeekTxnamountiscrossedforwallet |
| 158 | PerMonthTxnamountiscrossedforwallet |
| 159 | PerdayTxncountiscrossedforwallet |
| 160 | PerWeekTxncountiscrossedforwallet |
| 161 | PerMonthTxncountiscrossedforwallet |
| 162 | Maximumwrongattemptslimitallowedcrossedforwallet |
| 163 | Couldnotpassvelocitycheckforwallet |
| 164 | Walletthroughputlimitfailure. |
| 165 | UserhascrossedthemonthlydebitlimitprescribedbyRBI |
| 226 | someerroratresponseparsing |
| 227 | TxnFailed |
| 233 | AuthorizationFailed. |
| 234 | InvalidUsername/Password. |
| 235 | Insufficientbalance. |
| 236 | Walletdoesnotexist. |
| 237 | Couldnotcompleterequest.Pleaseretryagain. |
| 238 | Invalidcurrencycode. |
| 239 | Merchantdoesnotexist. |
| 243 | WalletNotCreated. |
| 244 | WalletNot Activated. |
| 301 | InvalidJsonRequest. |
| 302 | InvalidRequesttype. |

|  |  |
| --- | --- |
| 303 | MerchantIdcannotbeblank. |
| 304 | AppIPisblank. |
| 305 | MerchantIdnotregistered. |
| 306 | MerchantIdexpired. |
| 307 | Securitykeyexpired. |
| 308 | Invalidamount |
| 309 | Invalidorderid |
| 310 | Invalidcurrency |
| 311 | Invaliddeviceid |
| 317 | Invalidpaymentmode |
| 318 | Invalidcustomerid |
| 319 | Invalidindustrytype |
| 323 | Userisblocked |
| 324 | Duplicatecustomerid |
| 325 | Duplicateorderid |
| 326 | Merchantisnotassociated |
| 327 | Channelisnotassociated |
| 328 | InvalidPaytmId |
| 330 | Paytmchecksummismatch. |
| 332 | Orderidcan'tbegreaterthan50characters. |
| 333 | Customeridcan'tbegreaterthan50characters. |
| 334 | InvalidOrderId. |
| 335 | InvalidmerchantId. |
| 336 | Invalidtransactiontype. |
| 343 | Invalid Token |
| 344 | Invalidwallettype |
| 400 | Transactionstatusnotconfirmedyet. |

|  |  |
| --- | --- |
| 401 | Invalidtransaction. |
| 402 | Abondoned Transaction. |
| 501 | System Error. |
| 502 | JsonEncodingerror. |
| 600 | Invalidrefundrequest. |
| 601 | Refundrequestwasraisedforthistransaction.Butitispendingstate. |
| 603 | Refund/Cancelforthesametransactionhasalreadybeeninitiatedfortheday. |
| 605 | Refundinitiatedforatransaction,whichisnotsettled. |
| 607 | Refundcannotbeinitiatedforacancelledtransaction. |
| 609 | Refundinitiatedforarejectedtransaction. |
| 610 | Transactionfullyrefundedalready |
| 611 | Refundrequestisinprocess. |
| 612 | Thisisavalidauthorizedtransaction,butcouldnotbecancelledduetooperationalreasons. |
| 613 | Autorefundrequestisinprocess. |
| 614 | Refundrequestisinprocess. |
| 615 | CLWRefundtoWalletrequestfailed. |
| 616 | CLWReturnserrorresponse. |
| 617 | Refundrequestisalreadyinprocessforthesameid. |
| 618 | Walletofusernotcreated. |
| 699 | WalletRefundFailed.Itwillberetriedfornext48hr. |
| 700 | AutoRefundFailed.Itwillberetriedfornext48hr. |
| 701 | Invalidrefid. |
| RWL\_2001 | User'sMonthlydebitlimitbreached |
| UDL\_0014 | DailylimitfortotalamountofPaymenttoMerchanttransactionswillex-ceed.Please updatelimits andretry |
| UDL\_0015 | DailylimitfornumberofPaymenttoMerchanttransactionswillexceed.  Pleaseupdatelimitsandretry |

|  |  |
| --- | --- |
| UDL\_0016 | MonthlylimitfortotalamountofPaymenttoMerchanttransactionswillexceed.Pleaseupdate limitsandretry. |
| UDL\_0017 | Monthly limit for number of Payment to Merchant transactions will ex-ceed.Please updatelimits andretry. |

## StatusCodeList

|  |  |
| --- | --- |
| **Status Code** | **StatusDescription** |
| V004 | midisrequired |
| V006 | midisinvalid |
| V007 | order\_idisrequired |
| V042 | order\_idexceededmaximumlength |
| V009 | signisrequired |
| V011 | cidisrequired |
| V013 | cidisinvalid |
| V018 | InvalidGatewayIP |
| V022 | UserCancel |
| V026 | titleisrequired |
| V028 | titleexceededmaximumlength |
| V043 | TitleshouldnotcontainanyProhibitedWord |
| V029 | priceshouldnotbeempty |
| V030 | priceshouldbenumeric |
| V031 | pricelengthshouldnotexceedmorethan3digits |
| V033 | Minpriceshouldbenumeric |
| V041 | Minpriceshouldbelessthanactualprice |
| V035 | Invalidsign |
| V036 | DuplicateRequestforsamecontent |
| V037 | DuplicateOrderId |
| V045 | SystemCancel |
| V048 | OriginalOrder Idrequired |
| V049 | OriginalTransactionIdrequired |
| V050 | RefundAmountrequired |
| V051 | UserIdrequired |
| V052 | MerchantOrderdoesnot exist |
| B100 | Success |
| B105 | BillingStatus(BillingFailure) |

|  |  |
| --- | --- |
| **Status Code** | **StatusDescription** |
| S100 | UnknownBillingFailures |

## MD5SignGeneration

1. ConstructQueryStringusingTreemap.MakesurethatURLsinquerystringareproperlyencoded.
2. MD5hastheQuerystringafterappending“&<SecretKey>”toquerystring.

#### Pass“QueryString&sign=<generatedsign>”toAPIs.

Prepareparamkey=valueset.Skipthepairswithnullvalues.

###### Rearrangeparametersintheparamsetalphabetically.Connectorderedparameterswith“&”.Finally,append **secretkey** value(e.g.,QWERTY)attheend.Theresultisthebasestring:

abc=456&def=123&ghi=789&QWERTY MD5hashthisbasestringtogetthesignature:

sign = MD5(abc=456&def=123&ghi=789&QWERTY)=89a175e87b89212bd4b16291ad0fd82a

###### **Note**:Secretkeywillbesharedinseparatemail.