**Restricted**

 **API Specification Document**

**Version**

**Date:**

Contact Details -

Email:

**Version Control Table**

|  |  |  |  |
| --- | --- | --- | --- |
| **Version** | **Date** | **Author** | **Description** |
| 1.0 |  |  |  |
| 1.1 |  |  |  |
|  |  |  |  |

##

##

**API List:**

|  |  |  |  |
| --- | --- | --- | --- |
| **S No** | **API** | **Owner** | **Description** |
| 1 | Transaction Status | IndigoPe | To get status of transaction real time |
| **2** | Transaction refund API | IndigoPe | To initiate the transaction refund (full or part refund) |

##

Methods

## 1. Transaction status

This API should be used for verification of transaction status before service delivery.

For successful debit the mandate is to match the following parameters:

**RESPONSE\_CODE=’000’ and RESPONSE\_MESSAGE=’SUCCESS’ and STATUS=’Captured’**

Get the status of transaction processed real time.

Authentication: Sha256 HASH along with request.

Request

|  |  |
| --- | --- |
| **Method** | **URL**  |
| **POST** | https://priority.IndigoPe.com/pgws/transact |

|  |  |  |
| --- | --- | --- |
| **Type** | **Params** | **Values** |
| POSTPOSTPOSTPOSTPOSTPOST | PAY\_IDORDER\_IDAMOUNTTXNTYPECURRENCY\_CODEHASH | stringstringstringSTATUSNumberstring |

 **ORDER\_ID**: Order ID generated by merchant

**TXN\_ID**: Transaction ID generated by PG

## Request

{

"PAY\_ID": "1001180108120354",

"ORDER\_ID": "ORDER00123",

"AMOUNT": "1500",

"TXNTYPE": "STATUS",

"CURRENCY\_CODE":"356",

"HASH":"59833FF8874B68EDAC684AE46036DDA52336C9114C38DA871AC643B14243FFDD"

}

## Response

{

    "RESPONSE\_DATE\_TIME": "2019-05-15 16:49:41",

    "RESPONSE\_CODE": "000",

    "TXN\_ID": "1426090515164549",

    "MOP\_TYPE": "VI",

    "CARD\_MASK": "437748\*\*\*\*\*\*9702",

    "ACQ\_ID": "5579189904646365204070",

    "TXNTYPE": "SALE",

    "CURRENCY\_CODE": "356",

    "RRN": "913511236314",

    "SURCHARGE\_FLAG": "Y",

    "PAYMENT\_TYPE": "CC",

    "PG\_TXN\_MESSAGE": "SUCCESS",

    "STATUS": "Captured",

    "PG\_REF\_NUM": "1426090515164549",

    "PAY\_ID": "1001281010142121",

    "ORDER\_ID": "2002990137",

    "AMOUNT": "662100",

    "RESPONSE\_MESSAGE": "SUCCESS",

    "ORIG\_TXN\_ID": "1426090515164549",

    "TOTAL\_AMOUNT": "676163",

    "CUST\_NAME": "Shaiwal",

    "IS\_STATUS\_FINAL": "Y"

}

## 2. Refund

Initiate a refund transaction via API

Authentication: Sha256 HASH along with request.

Request

|  |  |
| --- | --- |
| **Method** | **URL**  |
| **POST** | https://priority.IndigoPe.com/pgws/transact |

|  |  |  |  |
| --- | --- | --- | --- |
| **S No** | **Params** | **Value Type** | **Mandatory** |
| 12345678 | PG\_REF\_NUMREFUND\_FLAGAMOUNTTXNTYPEORDER\_IDREFUND\_ORDER\_IDPAY\_IDHASH | numberstringnumberREFUNDnumberstringstringstring | YesYesYesYesYesNoYesYes |

**ORDER\_ID**: Order ID generated by merchant for original transaction

**REFUND\_ORDER\_ID**: Order ID generated by merchant for refund transaction

**TXN\_ID**: Transaction ID generated by PG

## Request

{

"PAY\_ID": "1014400316171941",

"ORDER\_ID": "INST1603200501810",

"AMOUNT": "100",

"REFUND\_FLAG": "C",

"PG\_REF\_NUM": "3706601020185838",

"REFUND\_ORDER\_ID": "REFINST1603200501810",

"TXNTYPE":"REFUND",

"CURRENCY\_CODE":"356",

"HASH":"6648EA6E7EE5743E98D4199FAE0D4021EE8796E9394249292D482F974905F0FA"

}

## Response

{

"RESPONSE\_DATE\_TIME": "2020-10-21 13:06:53",

"RESPONSE\_CODE": "000",

"REFUND\_FLAG": "C",

"AUTH\_CODE": "000000",

"CARD\_MASK": "401200\*\*\*\*\*\*1112",

"MOP\_TYPE": "VI",

"CURRENCY\_CODE": "356",

"RRN": "029510000287",

"CARD\_HOLDER\_NAME": "se",

"PG\_TXN\_MESSAGE": "CAPTURED",

"STATUS": "Captured",

"PG\_REF\_NUM": "1006601021130643",

"AMOUNT": "100",

"RESPONSE\_MESSAGE": "SUCCESS",

"CUST\_EMAIL": "purposet923@gmail.com",

"REFUND\_ORDER\_ID": "REFINST1603200501810",

"TXN\_ID": "1006601021130643",

"ACQ\_ID": "202029532980776",

"TXNTYPE": "REFUND",

"HASH": "6462DA11408B777593DD2CB950A8A3E9F57BD3FA7F7384A20CE48BC99771864B",

"PAYMENT\_TYPE": "CC",

"PAY\_ID": "1014400316171941",

"ORDER\_ID": "INST1603200501810",

"ORIG\_TXN\_ID": "3706601020185838",

"TOTAL\_AMOUNT": "10000"

}

# Appendix:

1. Response Codes:

|  |  |
| --- | --- |
| **Response Code** | **Response message** |
| 000 | Success |
| 001 | Acquirer Error |
| 002 | Denied |
| 003 | Timeout |
| 004 | Declined |
| 005 | Authentication not available |
| 006 | Transaction processing |
| 007 | Rejected by acquirer |
| 008 | Duplicate |
| 009 | Response signature did not match |
| 010 | Cancelled by user |
| 011 | Authorization success but error processing recurring payment |
| 012 | Denied due to fraud detection |
| 013 | Total refund amount greater than sale amount |
| 014 | Refund Amount should be less than today's Captured Amount |
| 015 | Transaction not found |

For invalid/error transactions:

|  |  |
| --- | --- |
| **Response Code** | **Response Message** |
| 300 | Invalid Request |
| 900 | Internal system error |
| 999 | Unknown Error |

1. Parameters

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **Field name** | **Description** | **Type**\* | **Min** | **Max** | **Example** |
| PAY\_ID | Pay ID is provided by PG to uniquely identify the merchant | NU | 16 | 16 | 160234578452178 |
| ORDER**\_ID** | Merchant reference number for every transaction | AN | 1 | 50 | ESN78452 |
| REFUND\_ORDER\_ID | Reference number generated for refund transaction | AN | 1 | 50 | ESN78453  |
| HASH | Unique value generated by SHA 256 hashing algorithm | AN | 64 | 64 | 7995156CE4C40C44C41BECA3B9CE09B9 |
| AMOUNT\* | Total Sale Amount | NU | 3 | 12 | 100 |
| REFUNDAMOUNT | Amount of refund transaction | NU | 3 | 12 | 100 |
| RESPONSE\_CODE | Code for transaction status | NU | 3 | 3 | 000 |
| RESPONSE\_MESSAGE | Response message for transaction status | AN | 1 | 256 | SUCCESS |
| CUST\_NAME | Customer name | A | 1 | 150 | John |
| CURRENCY\_CODE | 3-digit code of the currency | NU | 3 | 3 | 356 |
| TXNTYPE | Type of transaction | A | 4 | 15 | SALE/AUTH |
| TXN\_ID | Transaction Id generated by PG | NU | 16 | 16 | 150611417421130 |
| STATUS | Transaction status | A | 5 | 30 | Approved/Captured/Declined |
| PG\_REF\_NUM | Id use for further communication with gateway | NU | 16 | 16 | 150611417421129 |
| AUTH\_CODE | Authorization code | AN | 1 | 6 | 123456 |
| RRN | Bank reference number | AN | 1 | 50 | BA4545395 |
| IS\_STATUS\_FINAL | Status indicator of the transaction if further polling is required | A | 1 | 1 | Y or N |

\*AN: Alphanumeric

 NU: Numeric

 A: Alphabetic