



# IPG Gateway

GET STATUS v 3.0 May 1, 2019

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## Document Purpose

The purpose of this document is to describe the GET STATUS API Operation to enable merchant developers to integrate their webpages with the IPG Gateway. Refer to the *BOIPA Gateway – 0 – Overview* document for how this API Operation is used in the merchant processes.

The GET STATUS – API Operation provides a method to check the status of a transaction in the IPG Gateway. Although, each IPG Gateway API Operation provides the resulting status after a transaction has been processed, the merchant may want to reconcile data in their local database to that in the IPG Gateway.

The transaction is queried by the Merchant’s transaction identifier or by the transaction identifier the IPG Gateway.

# 1 Session Token API Operation

## 1.1 Session Token Request

### 1.1.1 Format

POST Request to Session Token Request URL (see Section 3 of the *BOIPA Gateway – 0 – Overview* document)

### 1.1.2 Definition

| Parameter      | Data Type     | Mandatory | Description   |
|----------------|---------------|-----------|---|
| merchantId     | Integer (18)  | Y         | The identifier for the merchant in the IPG Gateway provided at on-boarding  |
| password       | String (64)   | Y         | The merchant's password to the IPG Gateway provided at on-boarding  |
| action         | String (enum) | Y         | Must be "GET_STATUS"  |
| timestamp      | Integer (18)  | Y         | Milliseconds since 1970-01-01 00:00:00  |
| allowOriginUrl | String (253)  | Y         | The merchant's URL that will make the Get Status Request (section 2.1)<br>Cross-Origin Resource Sharing (CORS) headers will allow only this origin. |

### 1.1.3 Example

merchantId=1111111&password=klw74U6yt40mNo&allowOriginUrl=www.merchantsite.com&action=GET\_STATUS  
&timestamp=1249751864238

## 1.2 Session Token Response – Processed

### 1.2.1 Format

JSON

### 1.2.2 Definition

| Parameter         | Data Type     | Description   |
|-------------------|---------------|---|
| result            | String (enum) | Will always be "success"  |
| merchantId        | Integer (18)  | The <i>merchantId</i> value received in the Session Token Request (section 1.1)   |
| token             | String (40)   | The Session Token that is a one-time use, hexadecimal string<br>The Session Token that must only be used for the Get Status Request (see Section 2.1)<br>Session tokens are valid for 3600 second (1 hour) after which they expire<br>Any requests with expired session tokens will be rejected |
| resultId          | String (40)   | Hexadecimal string that is to be used in any support request calls  |
| processingTime    | Integer (18)  | The time in seconds for the process to complete   |
| additionalDetails | Array         | Not used – will always be "{}" or not included  |

### 1.2.3 Example

```
{
  "result": "success",
  "merchantId": 1111111,
  "token": "abcde12345abcde12345",
  "resultId": "fghij67890fghij67890",
  "processingTime": 2
}
```

## 1.3 Session Token Response – Not Processed

### 1.3.1 Format

JSON

### 1.3.2 Definition

| Parameter         | Data Type    | Description  |
|-------------------|--------------|--|
| result            | String (40)  | Will always be “failure”   |
| errors            | String Array | List of issues   |
| resultId          | String (40)  | Hexadecimal string that is to be used in any support request calls |
| processingTime    | Integer (18) | The time in seconds for the process to complete                    |
| additionalDetails | Array        | Not used – will always be “{}” or not included                     |

### 1.3.3 Example

```
{
  "result": "failure",
  "merchantId": "1111111",
  "errors": [
    { "messageCode": "This field is required in [REQUEST]", "fieldName": "password" }
  ],
  "processingTime": 4
}
```

## 2 GET\_STATUS API Operation

### 2.1 Get Status Request

#### 2.1.1 Format

POST Request to Action Request URL (see Section 3 of the *BOIPA Gateway – 0 – Overview* document)

#### 2.1.2 Definition

| Parameter    | Data Type    | Mandatory | Description  |
|--------------|--------------|-----------|--|
| merchantId   | Integer (18) | Y         | The identifier for the merchant in the IPG Gateway provided at on-boarding<br>This must be the same as that sent in the Session Token Request (section 1.1)  |
| token        | String (40)  | Y         | Session Token received in the Session Token Response – Processed (section 1.2)   |
| txId         | Integer (18) | C         | The IPG Gateway transactionId of the transaction for which the status is requested<br>This will have been returned in the txId field of the <i>Auth/Purchase/Verify Response – Processed</i> (see <i>BOIPA Gateway – 2 – AUTH-PURCHASE-VERIFY – Direct API</i> or <i>BOIPA Gateway – 2 – AUTH-PURCHASE-VERIFY – Hosted Payment Page</i> , as appropriate to the integration method)<br><b>Condition:</b> Must be provided if the <i>merchantTxId</i> is not provided                                     |
| merchantTxId | Integer (50) | C         | The merchant's transaction identifier of the transaction for which the status is requested, that was provided in the <i>merchantTxId</i> field of the <i>Auth/Purchase Session Token Request</i> and <i>Auth/Purchase/Verify Request</i> (see <i>BOIPA Gateway – 2 – AUTH-PURCHASE-VERIFY – Direct API</i> or <i>BOIPA Gateway – 2 – AUTH-PURCHASE-VERIFY – Hosted Payment Page</i> , as appropriate to the integration method)<br><b>Condition:</b> Must be provided if the <i>txId</i> is not provided |

#### 2.1.3 Example

MerchantId=111111&token=fghij67890fghij67890&txId=546&MerchantTxId=abc123

## 2.2 Get Status Response - Processed

### 2.2.1 Format

JSON

### 2.2.2 Definition

| Parameter         | Data Type     | Description  |
|-------------------|---------------|--|
| result            | String (enum) | Will always be "success"   |
| merchantId        | Integer (18)  | The <i>merchantId</i> value sent in the Session Token Request (section 1.1)                    |
| txId              | Integer (18)  | The IPG Gateway transaction identifier provided in the in the Get Status Request (section 2.1) |
| merchantTxId      | String (50)   | The merchant's transaction identifier provided in the in the Get Status Request (section 2.1)  |
| status            | String (enum) | The status of the transaction in the IPG Gateway (see <i>API Operations – 0 – Overview</i> )   |
| resultId          | String (40)   | Hexadecimal string that is to be used in any support request calls                             |
| additionalDetails | Array         | Not used – will always be "{}" or not included   |
| processingTime    | Integer (6)   | The time in seconds for the process to complete  |

### 2.2.3 Example

```
{
  "result": "success",
  "merchantId": 111111,
  "merchantTxId": "abc123",
  "txId": 546,
  "status": "SET_FOR_CAPTURE",
  "resultId": "4fd9f223-bb1a-4879-a6e6-81a10b53bdca",
  "processingTime": 948
}
```

## 2.3 Get Status Response – Not Processed

### 2.3.1 Format

JSON

### 2.3.2 Definition

| Parameter         | Data Type    | Description  |
|-------------------|--------------|--|
| result            | String (40)  | Will always be “failure”   |
| errors            | String Array | List of errors   |
| resultId          | String (40)  | Hexadecimal string that is to be used in any support request calls |
| additionalDetails | Array        | Not used – will always be “{}” or not included                     |
| processingTime    | Integer (6)  | The time in seconds for the process to complete                    |

### 2.3.3 Example

```
{
  "result": "failure",
  "resultId": "308802f2-224d-44f5-b256-8d9443a72770",
  "additionalDetails": {},
  "errors": [
    { "messageCode": "This field is required in [TOKEN]", "fieldName": "merchantId" }
  ],
  "processingTime": 173
}
```