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 *IPG 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 *IPG 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) 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 *merchantId* value received in the Session Token Request (section 1.1)
token	String (40)	The Session Token that is a one-time use, hexadecimal string The Session Token that must only be used for the Get Status Request (see Section 2.1) Session tokens are valid for 3600 second (1 hour) after which they expire 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 *IPG 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 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 transaction Id of the transaction for which the status is requested This will have been returned in the *txId* field of the *Auth/Purchase/Verify Response – Processed* (see *IPG Gateway – 2 – AUTH-PURCHASE-VERIFY – Direct API* or *IPG Gateway – 2 – AUTH-PURCHASE-VERIFY – Hosted Payment Page*, as appropriate to the integration method) **Condition**: Must be provided if the *merchantTxId* 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 *merchantTxId* field of the Auth/Purchase *Session Token Request* and *Auth/Purchase/Verify Request (*see *IPG Gateway – 2 – AUTH-PURCHASE-VERIFY – Direct API* or *IPG Gateway – 2 – AUTH-PURCHASE-VERIFY – Hosted Payment Page*, as appropriate to the integration method) **Condition**: Must be provided if the *txId* 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 *merchantId* 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 *API Operations – 0 – Overview*)
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
}
```