

A decorative graphic spanning the width of the page, featuring a blue wave-like shape with a pixelated, mosaic-like texture in shades of blue and white.

Technical Reference EVO Gateway

Status Check

June 28, 2021

Changes in contrast to the previous document version

Chapter no.	Key word	Content of change	Author (initials)	Date
All		New document	CE	06/28/2021

About this document

Document Purpose

The purpose of this document is to describe the Status Check API Operation to enable merchant developers to integrate their webpages with the EVO Gateway. Refer to the **Technical Reference EVO Gateway – API Operations Overview** for how this API Operation is used in the merchant processes.

The Status Check API Operation provides a method to check the status of a transaction in the EVO Gateway. Although, each EVO 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 EVO Gateway.

The transaction is queried by the Merchant's transaction identifier or by the transaction identifier the EVO Gateway.

Explanation of role-related terms

Three main roles exist in the complex scenario of payment processing. Depending on the perspective and situation at hand, two of these can act as customers, or two of them as service providers. To enable a clear distinction, systematic use will be made of the following terms:

Merchant or Client

Uses, in its capacity as merchant or services provider, the products of EVO Payments to settle payments for the goods or services it offers. Is the contract partner and thus the direct "customer" of EVO Payments.

Customer or end customer

Customers who purchase goods from the merchant or services from the service provider; are contractual partners of the merchant / service partner and not of EVO Payments.

EVO Payments

EVO Payments provides services connected with payment processing and acts as the link between the parties, especially the merchant / service provider and other establishments such as card organizations and other institutions involved in the processing of payments.

Terms in the EVO Payments XML language

All terms belonging to the EVO Payments XML language are displayed in "Consolas" font in this document (e. g. **additionalDetails**). If such XML terms are separated by line breaks, they do not have a hyphen, as this might lead to misunderstandings in the spelling of the programming terms. Thus, if an XML term is separated by a line break in this document, the line break must be ignored when programming.

Example:

Text in this document text in this document text in this document text in this document text in **additionalDetails** document text in this document text in this Dokument Text in ...

Text when programming: **additionalDetails**

Note bulleting conventions

Two forms of note bulleting are used in this document:

- > Notes providing useful (but not absolutely vital) information:

➔ Please note ...

- > Notes that must be observed under all circumstances to avoid the risk of functional problems:

! It is imperative that ...

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1. Session Token API Operation

1.1 Session Token Request

Format: POST Request to Session Token Request URL (see section 3 of the **Technical Reference EVO Gateway – API Operations Overview**)

Parameter	Data Type	Field length	Man-datory	Comment
merchantId	Integer	18	Yes	The identifier for the merchant in the EVO Gateway provided at on-boarding
password	String	64	Yes	The merchant's password to the EVO Gateway provided at on-boarding
action	String	(enum)	Yes	Must be STATUS_CHECK
timestamp	Integer	18	Yes	Milliseconds since 1970-01-01 00:00:00
allowOriginUrl	String	253	Yes	The merchant's URL that will make the Status Check Request (section 2.1) Cross-Origin Resource Sharing (CORS) headers will allow only this origin.

Example

```
merchantId=1111111&password=klw74U6yt40mNo&allowOriginUrl=www.mer-  
chantsite.com&action=STATUS_CHECK&timestamp=1249751864238
```

1.2 Session Token Response – Processed

Format: JSON

Parameter	Data Type	Field length	Comment
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 Status Check Request (see section 2.1) Session tokens are valid for 3600 seconds (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.

Example

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

1.3 Session Token Response – Not Processed

Format: JSON

Parameter	Data Type	Field length	Comment
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.

Example

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

2. Status Check API Operation

2.1 Status Check Request

Format: POST Request to Action Request URL (see section 3 of the **Technical Reference EVO Gateway – API Operations Overview**)

Parameter	Data Type	Field length	Man-datory	Comment
merchantId	Integer	18	Yes	The identifier for the merchant in the EVO Gateway provided at on-boarding This must be the same as that sent in the Session Token Request (section 1.1).
token	String	40	Yes	Session Token received in the Session Token Response – Processed (section 1.2)
action	String	(enum)	Yes	Must be STATUS_CHECK
txId	Integer	18	C	The EVO 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 Technical Reference EVO Gateway – Auth / Purchase / Verify (Direct API Integration) or Technical Reference EVO Gateway – Auth / Purchase / Verify (Hosted Payment Page Integration) , 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 Technical Reference EVO Gateway – Auth / Purchase / Verify (Direct API Integration) or Technical Reference EVO Gateway – Auth / Purchase / Verify (Hosted Payment Page Integration) , as appropriate to the integration method) Condition: Must be provided if the txId is not provided.

Example

```
merchantId=111111&token=fghij67890fghij67890&action="STATUS_CHECK"&txId=546
merchantId=111111&token=fghij67890fghij67890&action="STATUS_CHECK"&Mer-
chantTxId=abc123
merchantId=111111&token=fghij67890fghij67890&action="STA-
TUS_CHECK"&txId=546&MerchantTxId=abc123
```

2.2 Status Check Response – Processed

Format: JSON

Parameter	Data Type	Field length	Comment
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 EVO Gateway transaction identifier provided in the in the Status Check Request (section 2.1)
merchantTxId	String	50	The merchant's transaction identifier provided in the in the Status Check Request (section 2.1).
status	String	(enum)	The status of the transaction in the EVO Gate-way (see Technical Reference EVO Gateway – API Operations Overview)
resultId	String	40	Hexadecimal string that is to be used in any sup-port request calls
additionalDetails	Array		Not used – will always be "{}" or not included.
processingTime	Integer	6	The time in seconds for the process to complete

Example

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

2.3 Status Check Response – Not Processed

Format: JSON

Parameter	Data Type	Field length	Comment
result	String	40	Will always be failure

Parameter	Data Type	Field length	Comment
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

Example

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