Technical Reference EVO Gateway

Get Available Payment Solutions

June 28, 2021

Simplifying Payments AROUND THE GLOBE

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

Changes in contrast to the previous document version

About this document

Document Purpose

The purpose of this document is to describe the Get Available Payment Solutions 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 Get Available Payment Solutions API Operation allows the merchant to check the payment solutions that are available to them, for a given country, currency and brand.

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 **`additional Details`** 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	Mandatory	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 **GET_AVAILABLE_PAYSOLS**
timestamp	Integer	18	Yes	Milliseconds since 1970-01-01 00:00:00
allowOriginUrl	String	253	Yes	The merchant's URL that will make the Get Available Payment Solutions Request (section 2.1) Cross-Origin Resource Sharing (CORS) headers will allow only this origin.
currency	String	(enum)	Yes	The ISO alpha-3 code, as defined in the ISO 4217 standard, for the currency in which a Payment Solution is available
country	String	(enum)	Yes	The ISO alpha-2 code, as defined in the ISO 3166 standard, for the currency in which a Payment Solution is available
brandId	Integer	18	No	The Brand ID supplied by the EVO Gateway when the merchant account was set up for which a Payment Solution is available

Example

```
merchantId=1111111&password=klw74U6yt40mNo&allowOriginUrl=www.mer-
chantsite.com&action=GET_AVILABLBE_SOLS&timestamp=1249751864238&cur-
rency=EUR&country=IE&brandId=1234567
```

1.2 Session Token Response – Processed

Format: JSON

Parameter	Data Type	Field length	Comment
result	String	40	Will always be **success**
merchantId	Integer	18	The **merchantId** received in the Session Token Request (section 1.1)

Parameter	Data Type	Field length	Comment
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 Available Payment Solutions 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	6	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":"fghij67890fghij67890",
"resultId":"fghij67890fghij67890",
"processingTime: 546
}
```

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	6	The time in seconds for the process to complete
additionalDetails	Array		Not used – will always be "**{}**" or not included

Example

```
{
"result": "failure",
"resultId": "99392fc1-bcd9-4fb0-8838-7dc37256cb51",
"additionalDetails": {},
"errors": [
{ "messageCode": "This field is required in [REQUEST]", "fieldName": "password" }
],
"processingTime": 395
}
```

2. Get Available Payment Solutions API Operation

2.1 Get Available Payment Solutions 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)

Example

```
merchantId=1111111&token=fghij67890fghij67890
```

2.2 Get Available Payment Solutions Response – Processed

Format: JSON

Parameter	Data Type	Field length	Comment
result	String	(enum)	Will always be **success**
merchantId	Integer	18	The **merchantId** received in the Session Token Request (section 1.1)
data	String Array		List of payment solutions available
ID	Integer	18	The unique identifier for the Payment Solution in the EVO Gateway
NAME	String	150	The name of the Payment Solution in the EVO Gateway
resultId	String		Hexadecimal string that is to be used in any support request calls
processingTime	Integer	6	The time in seconds for the process to complete
additionalDetails	Array		Not used – will always be "**{}**" or not included

Example

```
{
"result":"success",
"merchantid":"1111111",
"data": [
{"NAME":"CreditDebitCards","ID":"500"},
{"NAME":"Neteller","ID":"100"}
```

```
],
"additionalDetails":{},
"resultId":"e79e9506-a38a-403e-b435-be0c91b436db",
"processingTime: 236
}
```

2.3   Get Available Payment Solutions Response – Not Processed

Format: JSON

Parameter	Data Type	Field length	Comment
result	String	(enum)	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
processingTime	Integer	6	The time in seconds for the process to complete
additionalDetails	Array		Not used – will always be "**{}**" or not included

Example

```
{
"result": "failure",
"resultId": "99392fc1-bcd9-4fb0-8838-7dc37256cb51",
"additionalDetails": {},
"errors": [
{ "messageCode": "This field is required in [REQUEST]", "fieldName": "token"
}
],
"processingTime": 412
}
```