



Update and Get Tokens

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Update Token Service

This service enables you to update your token details associated with the status of a token via API calls.

1.1 Update Token Service URLs

Test Environment URL
https://sbpaymentservices.PayFort.com/FortAPI/paymentApi

Production Environment URL
https://paymentservices.PayFort.com/FortAPI/paymentApi

1.2 Parameters Submission Type

REST POST request using JSON.

1.3 Update Token Service – Request

Include the following parameters in the Request you will send to Amazon Payment Services:

Update Token Service Request Parameters							
Parameter Name	Type	Mandatory	Description	Length	Special Characters	Possible/ Expected Values	Example
service_command	Alpha	Yes	Command.	20	_	UPDATE_TOKEN	
access_code	Alphanumeric	Yes	Access code.	20			zx0IPmPy5jp1vAz
merchant_identifier	Alphanumeric	Yes	The ID of the Merchant.	20			CycHZxVj
merchant_reference	Alphanumeric	Yes	The Merchant's unique order number.	40	- _ .		XYZ9239-yu898
language	Alpha	Yes	The checkout page and messages language.	2		- en - ar	
token_name	Alphanumeric	Yes	The token received from the Tokenization process.	100	. @ - _		Op9Vmp

signature	Alphanumeric	Yes	A string hashed using the Secure Hash Algorithm. (Please refer to section Signature for more details).	200			7cad05f0 212ed93 3c9a5d5 dffa3166 1acf2c82 7a
card_holder_name	Alpha	No	The card holder name	50	.		John Smith
currency	Alpha	No	The currency of the transaction's amount in ISO code 3.	3			USD
token_status	Alpha	No	Presents the token status.	8		-ACTIVE -INACTIVE	
new_token_name	Alphanumeric	No	The new name used to update the existing token.	100	- . @ .		Test1

1.4 Update Token Service – Response

The following parameters will be returned in Amazon Payment Services' Response:

Update Token Service Response Parameters					
Parameter Name	Type	Description	Length	Possible/ Expected Values	Example
service_command	Alpha	Command.	20	UPDATE_TOKEN	
access_code	Alphanumeric	Access code.	20		zx0IPmPy5jp 1vAz
merchant_identifier	Alphanumeric	The ID of the Merchant.	20		CycHZxVj
merchant_reference	Alphanumeric	The Merchant's unique order number.	40		XYZ9239- yu898
language	Alpha	The checkout page and messages language.	2	- en - ar	
token_name	Alphanumeric	The Token received from the Tokenization process.	100		Op9Vmp
signature	Alphanumeric	A string hashed using the Secure Hash Algorithm. (Please refer to section Signature for more details).	200		7cad05f0212 ed933c9a5d5 dffa31661acf 2c827a
expiry_date	Numeric	The card's expiry date.	4		2105

card_number	Numeric	The clear credit card's number.	16		400555***** 0001
card_holder_name	Alpha	The card holder name	50		John Smith
currency	Alpha	The currency of the transaction's amount in ISO code 3.	3		USD
response_message	Alphanumeric	Message description of the response code. It returns according to the request language.	150	(Please refer to section Messages).	
response_code	Numeric	Response code carries the value of our system's response. *The code consists of five digits, the first 2 digits represent the response status , and the last 3 digits represent the response message .	5		20064
token_status	Alpha	Presents the token status.	8	-ACTIVE -INACTIVE	
creation_date	Alphanumeric	Creation date of content in UTC format.	30		2017-03-13T10:09:19+02:00
card_brand	Alpha	Issuer account type.	10	- MASTERCARD - VISA - AMEX	
card_bin	Numeric	The first 6 digits of the card number.	6		478773
status	Numeric	A two-digit numeric value that indicates the status of the transaction.	2	(Please refer to section Statuses)	

**NOTE!**

Every parameter the Merchant sends in the Request should be received by the Merchant in the Response - even the optional ones.

2 Get Tokens Service

Get Tokens allows you to retrieve all the saved tokens and their details for specific Merchant account on via Amazon Payment Services API, then download the report of the retrieved tokens.

2.1 Get Tokens Service URLs

Test Environment URL

<https://sbpaymentservices.payfort.com/FortAPI/reportingApi>

Production Environment URL

<https://paymentservices.payfort.com/FortAPI/reportingApi>

2.2 Parameters Submission Type

REST POST request using JSON.

2.3 Get Tokens Service – Request

Include the following parameters in the Request you will send to Amazon Payment Services:

Get Token Service Request Parameters							
Parameter Name	Type	Mandatory	Description	Length	Special Characters	Possible/ Expected Values	Example
query_command	Alpha	Yes	Query operations command.	50	_	GET_TOKENS	
access_code	Alphanumeric	Yes	Access code.	20			zx0IPmPy5jp1vAz
merchant_identifier	Alphanumeric	Yes	The ID of the Merchant.	20			CycHZxVj
merchant_reference	Alphanumeric	Yes	The Merchant's unique number. *Please, use the same merchant reference you used in the "generate report" request.	40	- _ .		XYZ9239-yu898
language	Alpha	Yes	The checkout page and messages language.	2		- en - ar	
signature	Alphanumeric	Yes	A string hashed using the Secure Hash Algorithm. (Please refer to section Signature for more details).	200			7cad05f0212ed933c9a5d5dffa31661acf2c827a
token_name	Alphanumeric	No	The token received from the Tokenization process.	100	. @ - _		Op9Vmp
from_date	Alphanumeric	No	Query parameter to filter from a specific date.	30	+ - :		2017-01-01T14:36:55+03:00

to_date	Alphanumeric	No	Query parameter to filter the results till a specific date.	30	+ - :		2017-06-28T14:36:55+03:00
response_format	Alpha	No	The Amazon Payment Services response format; weather its JSON or XML. *The default response format is "JSON".	4		-JSON -XML	
token_statuses	Alpha	No	Presents the token status.	8		-ACTIVE -INACTIVE	

2.4 Get Tokens Service – Response

The following parameters will be returned in Amazon Payment Services' Response:

Get Token Service Response Parameters					
Parameter Name	Type	Description	Length	Possible/ Expected Values	Example
query_command	Alpha	Query operations command.	50	GET_TOKENS	
access_code	Alphanumeric	Access code.	20		zx0IPmPy5jp1vAz
merchant_identifier	Alphanumeric	The ID of the Merchant.	20		CycHZxVj
merchant_reference	Alphanumeric	The Merchant's unique order number.	40		XYZ9239-yu898
language	Alpha	The checkout page and messages language.	2	- en - ar	
signature	Alphanumeric	A string hashed using the Secure Hash Algorithm. (Please refer to section Signature for more details).	200		7cad05f0212ed933c9a5d5dffa31661acf2c827a
token_name	Alphanumeric	The Token received from the Tokenization process.	100		Op9Vmp
from_date	Alphanumeric	Query parameter to filter from a specific date.	30		2017-01-01T14:36:55+03:00
to_date	Alphanumeric	Query parameter to filter the results till a specific date.	30		2017-06-28T14:36:55+03:00

response_format	Alpha	The Amazon Payment Services response format; whether its JSON or XML. *The default response format is "JSON".	4	-JSON -XML	
response_message	Alphanumeric	Message description of the response code. It returns according to the request language.	150	(Please refer to section Messages).	
response_code	Numeric	Response code carries the value of our system's response. *The code consists of five digits, the first 2 digits represent the response status , and the last 3 digits represent the response message .	5		20064
token_status	Alpha	Presents the token status.	8	-ACTIVE -INACTIVE	
data	List	Exported tokens list.	4000	(Please refer to section data)	
data_count	Numeric	Represents the count of the exported tokens.	7		5
status	Numeric	A two-digit numeric value that indicates the status of the transaction.	2	(Please refer to section Statuses)	

**NOTE!**

Every parameter the Merchant sends in the Request should be received by the Merchant in the Response - even the optional ones.

2.4.1 Data

The following parameters will be returned in data parameter:

Get Token Service Response Parameters					
Parameter Name	Type	Description	Length	Possible/ Expected Values	Example
card_number	Numeric	The clear credit card's number.	16		400555***** 0001
expiry_date	Numeric	The card's expiry date.	4		2105
token_name	Alphanumeric	The Token received from the Tokenization process.	100		Op9Vmp
card_brand	Alpha	Issuer account type.	10	- MASTERCARD - VISA - AMEX	
card_bin	Numeric	The first 6 digits of the card number.	6		478773

token_status	Alpha	Presents the token status.	8	-ACTIVE -INACTIVE	
creation_date	Alphanumeric	Creation date of content in UTC format.	30		2017-03-13T10:09:19+02:00

2.5 Download Report – Request

Include the following parameters in the Request you will send to Amazon Payment Services:

Download Report Request Parameters							
Parameter Name	Type	Mandatory	Description	Length	Special Characters	Possible/ Expected Values	Example
query_command	Alpha	Yes	Query operations command.	50	_	DOWNLOAD_REPORT	
access_code	Alphanumeric	Yes	Access Code.	20			zx0IPmPy5jp1vAz8Kpg7
merchant_identifier	Alphanumeric	Yes	The ID of the Merchant.	20			CyCHZxVj
merchant_reference	Alphanumeric	Yes	The Merchant's unique number. *Please, use the same merchant reference you used in the "generate report" request.	40	- _ .		XYZ9239-yu898
signature	Alphanumeric	Yes	A string hashed using the Secure Hash Algorithm. (Please refer to section Signature for more details).	200			7cad05f0212ed933c9a5d5dffa31661acf2c827a



Download Report Request Example!

```
{
  "query_command": "DOWNLOAD_REPORT",
  "access_code": "zx0IPmPy5jp1vAz8Kpg7",
  "merchant_identifier": "CycHZxVj",
  "merchant_reference": "XYZ9239-yu898",
```

```

"signature":
"845df6d678cb7f9e85421f0680ebcfbb1f2927ea31c4b571c784e3
a3c66be2df"

}

```

2.6 Download Report – Response



NOTE!

In case the generation of the report is not complete, the merchant will receive a message indicating that the generation of the report is still in progress with the below response parameters. The Merchant can attempt to download report later on.

The following parameters will be returned in Amazon Payment Services' Response:

Download Report Response Parameters					
Parameter Name	Type	Description	Length	Possible/ Expected Values	Example
query_command	Alpha	Query operations command.	50	DOWNLOAD_REPORT	
access_code	Alphanumeric	Access code.	20		zx0IPmPy5jp1vAz8Kpg7
merchant_identifier	Alphanumeric	The ID of the Merchant.	20		CycHZxVj
merchant_reference	Alphanumeric	The Merchant's unique order number.	40		XYZ9239-yu898
signature	Alphanumeric	A string hashed using the Secure Hash Algorithm. (Please refer to section Signature for more details). * "data" parameter will not be calculated in the response signature.	200		7cad05f0212ed933c9a5d5dffa31661acf2c827a
response_message	Alphanumeric	Message description of the response code. It returns according to the request language.	150	(Please refer to section Messages).	
response_code	Numeric	Response code carries the value of our system's response. *The code consists of five digits, the first 2 digits represent the response status , and the last 3	5		56000

		digits represent the response message .			
status	Numeric	A two-digit numeric value that indicates the status of the transaction.	2	(Please refer to section Statuses)	



Download Report Response Example!

```
[
  {
    "order_description": "Jordan",
    "customer_ip": null,
    "eci": "ECOMMERCE",
    "geolocation_ip": "192.168.33.25",
    "merchant_reference": "XYZ9239-yu898",
    "currency": "USD",
    "amount": "2000",
    "payment_option": "VISA",
    "fort_id": "150174551700007207",
    "customer_email": "customer@payfort.com",
    "customer_name": "John",
    "operation": "AUTHORIZATION"
  }
]
```



Download Report Response Example!

```
<?xml version='1.0' encoding='UTF-8'?>
<transactions>
  <transaction>
    <order_description>Jordan</order_description>
    <eci>ECOMMERCE</eci>
```

```
<customer_ip></customer_ip>
<geolocation_ip>192.168.33.25</geolocation_ip>
<merchant_reference>XYZ9239-yu898</merchant_reference>
<currency>USD</currency>
<amount>2000</amount>
<payment_option>VISA</payment_option>
<fort_id>150174551700007207</fort_id>
<customer_email>customer@payfort.com</customer_email>
<customer_name>John</customer_name>
<operation>AUTHORIZATION</operation>
</transaction>
</transactions>
```

2.7 Messages & Statuses

Please refer to section [Transaction Response Codes](#).