

Request for payment using Samsung Pay (samsungPay)

The request used for payment via Samsung Pay is samsungPay.

Use the following URL to connect to the Test Service (WSDL):

<https://3dsec.sberbank.ru/payment/webservices/merchant-ws?wsdl>.

Use the standard requests to the payment gateway for the operations of reversal, refund and payment completion.

In this document, the following data type conventions are used when describing request and response parameters:

- A<n> - a sequence of Latin letters of length <n>;
- A..<n> - a sequence of Latin letters with a length not exceeding <n>;
- N<n> - a sequence of digits of length <n>;
- N..<n> - a sequence of digits with a length not exceeding <n>;
- AN<n> - a sequence of Latin letters and numbers of fixed length <n>;
- AN.. <n> - a sequence of Latin letters and numbers with a length not exceeding <n>;
- ANS<n> - a sequence of Latin letters, numbers and characters of fixed length <n>
- ANS.. <n> - a sequence of Latin letters, numbers and characters with a length not exceeding <n>;
- UTC - date and time, in this case: the date must be passed without specifying the time zone, Moscow time, for the SOAP protocol, the standard encoding xs: dateTime is used.

Request parameters

The request parameters are given in table below.

Name	Type	Mandatory	Description
merchant	AN..255	Yes	Merchant login in the payment gateway.
orderNumber	ANS..32	Yes	The number (identifier) of the order in the store system is unique for each store within the system - up to 30 characters. If the order number is generated on the Payment Gateway side, this parameter is not mandatory.
paymentToken	String	Yes	The contents of the 3ds .data parameter from the response received from Samsung Pay.
ip	ANS..39	No	IP-address of the buyer. IPv6 is supported in all requests (up to 39 characters).
amount	N..12	No	Payment amount in minimum currency units.

Name	Type	Mandatory	Description									
description	ANS..512	No	Description of the order in any format. Only the first 24 characters of this field are transferred to Sberbank's processing for inclusion in the merchant's financial statements. To enable sending this field to the processing system, contact the technical support service.									
language	A2	No	Language in the ISO 639-1 encoding. If the language is not specified, the default language defined in the store settings is used.									
additionalParameters	Not applicable	No	Additional parameters of the order that are stored in the merchant personal account for the subsequent viewing. For each additional parameter, use the entry block which includes the following nested parameters.									
			<table><tr><th>Name</th><th>Type</th><th>Description</th></tr><tr><td>key</td><td>String</td><td>The name of the optional parameter.</td></tr><tr><td>value</td><td>AN..1024</td><td>The value of the additional parameter is up to 1024 characters.</td></tr></table>	Name	Type	Description	key	String	The name of the optional parameter.	value	AN..1024	The value of the additional parameter is up to 1024 characters.
			Name	Type	Description							
			key	String	The name of the optional parameter.							
			value	AN..1024	The value of the additional parameter is up to 1024 characters.							
Below is an example of how to use this parameter.												
<pre><entry> <key>parameter_1</key> <value>value_1</value> </entry> <entry> <key>parameter_2</key> <value>value_2</value> </entry></pre>												
If the merchant has fiscalization set up, when indicating email (the buyer's email address) and/or phone (the buyer's cell phone number) as additional parameters, these parameters are first used to send the fiscal receipt. It is forbidden to pass reserved names in the parameter (if they are passed, the order may be rejected): - sbrf_spasibo:amount_bonus - sbrf_sbermiles:amount_bonus - loyaltyId												

Name	Type	Mandatory	Description
preAuth	A..5	No	Parameter that defines the necessity of a pre-authorization (putting the amount on hold on the customer's account until its debiting). The following values are available: • <code>true</code> - the parameter is enabled, a two-phase payment is made; • <code>false</code> - the parameter is disabled, a one-phase payment is made (funds are debited immediately). If the parameter is not specified in the request, a one-phase payment occurs.
clientId	ANS..255	No	Identifier of the Customer in the Store system. This parameter is used for the binding functionality. May be present if the store is allowed to create bindings. Specifying this parameter when processing payments with the use of bindings is mandatory. Otherwise, a payment will be unsuccessful.
currencyCode	N3	No	Numeric ISO 4217 code of the payment currency. If this parameter is not specified, it is considered to be equal to the default currency code.
billingPayerData	See description	No	Customer's registration data (street address, postal code). Required for AVS/AVV checks. Mandatory if «AVS/AVV use allowed» permission is enabled for merchant

billingPayerData

billingPayerData block parameters

Name	Type	Mandatory	Description
billingCity	AN..50	No	City registered for the card at the Issuer Bank.
billingCountry	AN..50	No	
billingAddressLine1	AN..50	No	Address registered for the card at the Issuer Bank. Line 1. Mandatory if «AVS/AVV use allowed» permission is enabled for merchant.
billingAddressLine2	AN..50	No	Address registered for the card at the Issuer Bank. Line 2.
billingAddressLine3	AN..50	No	Address registered for the card at the Issuer Bank. Line 3.
billingPostalCode	AN..50	No	Postal code registered for the card at the Issuer Bank. Mandatory if «AVS/AVV use allowed» permission is enabled for merchant.
billingState	AN..50	No	State registered for the card at the Issuer Bank (ISO 3166-2).

Response parameters

The response parameters are given in table below.

Name	Type	Mandatory	Description
success	A..5	Yes	Designates a successful request. The following values are available: • true – request is processed successfully; • false – request failed.
data block (returned only if the request was successful)			
orderId	ANS36	Yes	Identifier of the order in the payment system. It is unique within the system. The identifier is missing if the order registration failed due to an error detailed in errorCode.
error block (returned only if the request resulted in an error)			
code	N3	Yes	Error code.
description	ANS..512	Yes	A detailed technical explanation of the error – the contents of this parameter is not to be displayed to the customer.
message	AN..512	Yes	Comprehensive error description – it is intended for displaying to the user.

Error codes

Error code	Error text
0	The request has been processed without system errors.
1	The funds on the card are not sufficient.
5	Access denied.
5	The user must change the password.
7	System error.
10	Invalid parameter value [paymentToken].
10	Invalid parameter value [orderNumber].
10	Invalid parameter value [merchant].
10	Invalid parameter value [ip].
10	Invalid parameter value [paymentToken.header].
10	Encryption of the data passed in unsuccessful.

Request example

```
<soapenv:Envelope xmlns:soapenv="http://schemas.xmlsoap.org/soap/envelope/"
xmlns:mer="http://engine.paymentgate.ru/webservices/merchant">
  <soapenv:Header/>
  <soapenv:Body>
    <mer:samsungPay>
      <arg0>
```

```

        <merchant>OurBestMerchantLogin</merchant>
        <orderNumber>UAF-203974-DE</orderNumber>
        <description>Test description</description>
<paymentToken>ew0KICB7DQoJICAidmVyc2lvbiI6ICJSU0FfdjEiLA0KCSAgInNpZ25hdHVyZS
I6ICJabUZyWlNCemFXZHVZWFIxY21VPSIsDQoJICAiaGVhZGVyIjogew0KCQkiZXBoZWlcmFsUH
VibGljS2V5IjogIklGa3dFd1lIS29aSXpqMENBUVlJS29aSXpqMERBUWNEUWdBRW14Q2hDcGpLem
Y5YVh6MjZXVDZaVE4yekUzaUdYUWpjWlJZWUFkUUlURFgyUmtBTmJ0N2s5cmFoRjFoempqbWVWVH
hjZ0NvZkg4MXprMkd0VfoZHRnPT0iICAgICAgIA0KCQkid3JhcHBlZEtleSI6ICJYeji2V1Q2Wl
ROMnpFM2lHWFFqYz0iDQoJCSJwdWJsawNLZXlIYXNoIjogIk9yV2dqUkdrcUVXamRrUmRVclhmaU
xHRDBoZS96cEV1NTEyRkpXckdZRM89IiwNCgkJInRyYW5zYWN0aW9uSWQiOiAiYXBwbGUtMTIzND
U2Nzg5MEFCQ0RFRiINCgkgIH0sDQoJICAiZGF0YSI6ICIxZFhFMTNrdnpUVlA2bldFTjhEMnBocl
BsZlFjR3I4VzN5ajJTSFlZai9QeWNIV1RqbWBN3ovRXI3OGJyaT09Ig0KICB9DQp9</paymentT
oken>

        <language>RU</language>
        <additionalParameters>
            <entry>
                <key>firstParamName</key>
                <value>firstParamValue</value>
            </entry>
        </additionalParameters>
        <preAuth>true</preAuth>
        <ip>127.0.0.1</ip>
    </arg0>
</mer:samsungPay>
</soapenv:Body>
</soapenv:Envelope>

```

Response example

Successful payment

```

<soap:Envelope xmlns:soap="http://schemas.xmlsoap.org/soap/envelope/">
  <soap:Body>
    <ns1:samsungPayResponse
xmlns:ns1="http://engine.paymentgate.ru/webservices/merchant">
      <return>
        <success>true</success>
        <data>
          <orderId>12312312123</orderId>
        </data>
        <orderStatus errorCode="0"/>
      </return>
    </ns1:samsungPayResponse>
  </soap:Body>
</soap:Envelope>

```

Failed payment

```
<soap:Envelope xmlns:soap="http://schemas.xmlsoap.org/soap/envelope/">
  <soap:Body>
    <ns1:samsungPayResponse
xmlns:ns1="http://engine.paymentgate.ru/webservices/merchant">
      <return>
        <success>false</success>
        <error>
          <code>1</code>
          <description>The funds on the card are not
sufficient</description>
        </error>
        <orderStatus errorCode="0"/>
      </return>
    </ns1:samsungPayResponse>
  </soap:Body>
</soap:Envelope>
```