

Request for payment using Apple Pay with fiscal data (applePay)

The request used for payment via Apple Pay is applePay.

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.
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.

Name	Type	Mandatory	Description									
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> 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	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.										

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. Two-phase payments functionality is available if specifically requested by Merchant from the bank. This parameter can be passed either as a boolean value (without quotation marks) or as a string (with quotation marks).
paymentToken	AN..8192	Yes	The <code>paymentToken</code> parameter must contain a Base64 encoded value of the <code>paymentData</code> property that was received in <code>PKPaymentToken</code> Object from the Apple Pay system (see Apple Pay documentation). Thus, to send a payment request to the payment gateway, the merchant must: 1. Receive from the Apple Pay system the <code>PKPaymentToken</code> Object object containing the <code>paymentData</code> property; 2. Extract the value of the <code>paymentData</code> property and encode it in Base64; 3. Include the encoded value of the <code>paymentData</code> property as the value of the <code>paymentToken</code> parameter in the payment request that the merchant sends to the payment gateway.

Name	Type	Mandatory	Description
additionalOfdParams	Data block for transferring additional parameters of the OFD	Yes	Some parameters of additionalOfdParams block duplicate parameters of cartItems.items.itemAttributes block. The additionalOfdParams block is included for all line items of the order, whereas cartItems.items.itemAttributes applies to individual items. If the additionalOfdParams and cartItems.items.itemAttributes and additionalOfdParams blocks pass different values, then the priority value will be the one that was passed in cartItems.items.itemAttributes, that is, for an individual position. The transfer of this block is possible only when using the following OFDs: • ATOL; • Business.Ru; • Evotor. (Go to description.)
orderBundle	Not applicable	Yes	Block containing the cart of items of the order. The description of the attributes is given below. (Go to description.)
ip	ANS..39	No	IP-address of the buyer. IPv6 is supported in all requests (up to 39 characters).
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.

Name	Type	Mandatory	Description
billingState	AN..50	No	State registered for the card at the Issuer Bank (ISO 3166-2).

orderBundle

orderBundle contains the following elements.

A parameter included in a block and indicated as mandatory is only mandatory within that block. If the section is optional and missing, then the parameters included in it should not be passed.

Name	Type	Mandatory	Description	FFD version
orderCreationDate	ANS..21	No	Order creation date in the format YYYY-MM-DDTHH:MM:SS.	All versions.
customerDetails	Not applicable	No	Block containing attributes with data about the customer. The description of the attributes is given below. (Go to description.)	All versions.
cartItems	Not applicable	Yes	Block with the attributes of the items in the cart. The description of the attributes is given below. (Go to description.)	All versions.

customerDetails

customerDetails contains the following elements.

A parameter included in a block and indicated as mandatory is only mandatory within that block. If the section is optional and missing, then the parameters included in it should not be passed.

Name	Type	Mandatory	Description	FFD version
email	ANS..40	See note below.	Customer's email address. You can specify several comma separated (without spaces) email addresses - in this case the receipt will be delivered to all specified addresses.	All versions.

Name	Type	Mandatory	Description	FFD version
phone	NS..12	See note below.	Customer's phone number. It can be of the following format: $^((+7 7 8)?([0-9]){10})\\$. Examples: +790000000000 890000000000 900000000000 790000000000 If the number is passed in a separate parameter and in additional parameters, the number specified in this phone parameter will be used. When using ATOL fiscalization, the phone parameter should be sent in the following format: The phone number must be passed together with the country code without spaces and additional characters except for the quotation marks (the number «371 2 1234567» must be passed as «+37121234567»). If the phone number belongs to Russia (prefix «+7»), then the value can be passed without a prefix (the number «+79251234567» can be sent as «9251234567»). The maximum string length is 64 characters. One of the fields must be filled in the request: email or phone.	All versions.
contact	ANS..40	No	Customer's preferred way of communication.	All versions.
deliveryInfo	Not applicable	No	Block containing the attributes of the delivery address. The description of the attributes is given below. (Go to description.)	All versions.
fullName	ANS..100	No	Payer's first name, last name, and patronymic.	1.05 and later versions.
passport	ANS..100	No	The series and number of the payer's passport in the following format: 2222888888.	1.05 and later versions.
inn	N..12	No	Taxpayer identification number. From 10 to 12 digits can be passed.	1.05 and later versions.

It is mandatory to pass one of the two parameters: email or phone.

deliveryInfo

deliveryInfo contains the following elements.

Name	Type	Mandatory	Description	FFD version
deliveryType	ANS..20	No	Delivery method.	All versions.
country	A..2	Yes	The two-letter country code for the delivery country.	All versions.
city	ANS..40	Yes	Delivery city.	All versions.
postAddress	ANS..255	Yes	Delivery address.	All versions.

A parameter included in a block and indicated as mandatory is only mandatory within that block. If the section is optional and missing, then the parameters included in it should not be passed.

cartItems

cartItems contains the following elements.

A parameter included in a block and indicated as mandatory is only mandatory within that block. If the section is optional and missing, then the parameters included in it should not be passed.

Name	Type	Mandatory	Description	FFD version
items	Not applicable	Yes	Tag containing the parameters with the data about one item from the cart . Item number is specified as an attribute of the tag: positionId - Unique identifier of a product item inside the order cart. A request must contain a separate items tag for each line item. The description of the tag parameters is given below. (Go to description.)	All versions.

items

items« contains the following elements.

Name	Type	Mandatory	Description	FFD version
Name name Type ANS..100 Description REST Name or the description of an item in any format. Use - to pass \ use \«- to pass » REST Online Lending For Online Lending functionality, it's necessary to specify a description of the line item in accordance with the Yandex.Market catalog, subject to the following requirements: • The following words and character sequences are not allowed: file, exec, insert, as, select, or, procedure, limit, order, and, or, by, asc, desc, delete, update, distinct, having, truncate, replace, handler, like, regex, tz_offset, to_timestamp_tz, bfilename, union, sql-command, abort, alter, analyze, begin, audit, checkpoint, close, cluster, comment, commit, copy, create, deallocate, declare, delete, drop, end, execute, explain, fetch, grant, insert, lock, move, noaudit, notify, prepare, reindex, rename, reset, revoke, rollback, savepoint, select, set, show, shutdown, start, truncate, unlisten, update, vacuum • The following special characters are not allowed: ' & - # % ; = WS Name or the description of an item in any format. Use - to pass \ use \«- to pass » WS Online Lending For online crediting functionality it's necessary to specify a description of the good item in accordance with the Yandex.Market.	ANS..100	Yes	Name or the description of an item in any format. Use - to pass \ use \«- to pass »	All versions.
itemDetails	Not applicable	No	Additional block containing the parameters describing a line item. The description of the attributes is given below. The field size limit is 1024 bytes. (Go to description.)	All versions.
quantity	N..18	Yes	Element describing the total of items of one positionId and its unit of measurement The description of the attributes is given below. (Go to description.)	All versions.

Name	Type	Mandatory	Description	FFD version
itemAmount	N..12	No	The sum of the cost of all line items of one positionId in minimum currency units. Passing itemAmount is mandatory only if the itemPrice parameter was not passed. Otherwise passing of itemAmount is not required. If both parameters - itemPrice and itemAmount - are passed, then itemAmount must be equal to itemPrice * quantity, otherwise, the request will result in an error. When calculating itemAmount = itemPrice*quantity parameter, the result is rounded up to the second digit after the decimal point. For example, if the calculation result is 100.255, then final value will be 100.26.	All versions.
itemCurrency	N3	No	Currency code of a line item according to ISO 4217. If the parameter is not specified, it is considered to be equal to the order currency.	All versions.
itemCode	ANS..100	Yes	Number (identifier) of a line item in the store system.	All versions.
tax	Not applicable	Only for stores with enabled fiscalization settings	An additional tag with attributes describing the tax. Nested tags are described below. (Go to description.)	All versions.
itemPrice	N..12	Only for stores with enabled fiscalization settings	The price of one line item of one positionId specified in minimum currency units. Mandatory for merchants using fiscalization. - itemPrice cannot be less than 0. - itemPrice may be either string or integer.	All versions.
itemAttributes	See description.	Only for stores with enabled fiscalization settings	Tag that serves to pass a set of attributes of the line item. Attributes must be specified as follows. <attributes name="attribute_name_1">attribute_value_1</attributes> <attributes name="attribute_name_2">attribute_value_2</attributes> See description below .	1.05 and later versions.

==== itemAttributes ==== itemAttributes contains the attributes array in which the attributes of a line item must be specified (see example and table below).

```
<sxh JavaScript>
«itemAttributes»: { «attributes»: [ { «name»: «paymentMethod», »value«: «1» }, { «name»: «paymentObject», »value«: «1» } ] } </sxh>
```

Name	Type	Mandatory	Description	FFD version
paymentMethod	N..2	Yes	Payment type. Possible values: • 1 - full pre-payment before the delivery date of the payment subject; • 2 - partial pre-payment before the delivery date of the payment subject; • 3 - advance payment; • 4 - full payment on the delivery date of the payment subject; • 5 - partial payment for the payment subject on the delivery date followed by payment on credit; • 6 - delivery of the payment subject on the delivery date without payment followed by payment on credit; • 7 - payment for the payment subject after its delivery using payment on credit. Values are passed in the following priority (indicated in descending order of priority): 1. Shopping cart from API request. 2. Fiscalization settings in your personal account. 3. Default values. For paymentMethod, the default value is 1 (full prepayment before the transfer of the payment item).	1.05 and later versions.

Name	Type	Mandatory	Description	FFD version
paymentObject	N..2	Yes	Type of item being paid for. Possible values: • 1 - product; • 2 - excisable product; • 3 - work; • 4 - service; • 5 - gambling bet; • 6 - gambling winnings; • 7 - lottery ticket; • 8 - lottery winnings; • 9 - intellectual property; • 10 - payment; • 11 - agent's fee; • 12 - several subjects; • 13 - other payment subject. • * 14 - property rights; • 15 - non-operating income; • 16 - insurance premiums: on the amount of expenses that reduce the amount of tax (advance payments) in accordance with paragraph 3.1 of Article 346.21 of the Tax Code of the Russian Federation; • 17 - sales tax; • 18 - resort tax. Values are passed in the following priority (indicated in descending order of priority): 1. Shopping cart from API request. 2. Fiscalization settings in your personal account. 3. Default values. The default value for paymentObject is 1 (item).	1.05 and later versions.
nomenclature	ANS	yes (if markQuantity is passed)	Trade item code in text representation. Maximum length - 32 bytes.	1.05 and later versions.
markQuantity (Go to description.)		No	Fractional quantity of the labeled item.	1.2 and later versions.

Name	Type	Mandatory	Description	FFD version
userData	ANS..64	No	Value of user details. May be transferred only after approval by Federal Tax Service.	1.05 and later versions.
agent_info.type	N..2	Mandatory if agent_info object is passed.	Agent type. The following values are available: • 1 – banking payment agent; • 2 – banking payment subagent; • 3 – payment agent; • 4 – payment subagent; • 5 – attorney; • 6 – commission agent; • 7 – other agent.	1.05 and later versions.
agent_info.paying.operation	ANS..24	No	Name of the transaction of the paying agent.	1.05 and later versions.
agent_info.paying.phones	array ANS..19	No	Phone numbers array of the payments agent in +N format.	1.05 and later versions.
agent_info.payments0operator.phones	Array ANS..19	No	Phone numbers array of the payments operator in +N format.	1.05 and later versions.
agent_info.MT0operator.phones	array ANS..19	No	An array of Money Transfer operator phone numbers in +N format.	1.05 and later versions.
agent_info.MT0operator.name	ANS..64	No	Money Transfer operator name.	1.05 and later versions.
agent_info.MT0operator.address	ANS..256	No	Money Transfer operator address.	1.05 and later versions.
agent_info.MT0operator.inn	N10..12	No	Money Transfer operator TIN.	1.05 and later versions.
supplier_info.phones	Array ANS..19	No	An array of supplier phone numbers in +N format.	1.05 and later versions.
supplier_info.name	ANS..256	No	Supplier name.	1.05 and later versions.
supplier_info.inn	N10..12	No	Supplier TIN.	1.05 and later versions.

==== quantity ==== quantity contains the following elements.

Name	Type	Mandatory	Description	FFD version
value	N..18	Yes	Quantity of line items in given positionId. Use a decimal point as a separator in fractions.	All versions.
measure	ANS..20	Yes	The unit of measurement for the quantity of line item instances.	All versions.

If the FFD is version 1.2 or later, then the following parameters are passed here:

Name	Type	Mandatory	Description	FFD version
value	N1	Yes	Quantity of line items in given positionId. For FFD version 1.2+, the value is always 1.	1.2 and later versions.

Name	Type	Mandatory	Description	FFD version
measure	N..3	Yes	Unit of measurement for the quantity of the payment subject. In case of FFD version 1.2+, if the 'nomenclature' and 'markQuantity' parameters are passed, the value is always 0. In other cases, it can have some value.	1.2 and later versions.

Possible values of **measure**

Value	Description
0	Used for payment subjects that can be sold individually or in units (as well as in the event that the payment subject is a product subject to mandatory labeling with an identification tool (which can be known from mark_code being passed))
10	Gram
11	Kilogram
12	Ton
20	Centimeter
21	Decimeter
22	Meter
30	Square centimeter
31	Square decimeter
32	Square meter
40	Milliliter
41	Liter
42	Cubic meter
50	Kilowatt hour
51	Gigacalorie
70	Day (24h)
71	Hour
72	Minute
73	Second
80	Kilobyte
81	Megabyte
82	Gigabyte
83	Terabyte
255	Applicable when using other units of measurement

==== markQuantity ====

Parameters of **markQuantity** tag:

A parameter included in a tag and indicated as mandatory is only mandatory within that tag. If the tag itself is not mandatory and is not passed, its included parameters should not be passed.

Name	Type	Mandatory	Description
numerator	N..12	yes	The numerator of the fractional part of the payment subject.
denominator	N..12	yes	The denominator of the fractional part of the payment subject.

==== itemDetails ==== 'itemDetails contains the following elements.

A parameter included in a block and indicated as mandatory is only mandatory within that block. If the section is optional and missing, then the parameters included in it should not be passed.

Name	Type	Mandatory	Description	FFD version
itemDetailsParams	ANS..255	Yes	Parameter describing additional information regarding a line item. The description of the attributes is given below. (Go to description.)	All versions.

itemDetailsParams

'itemDetailsParams contains the following elements.

Name	Type	Mandatory	Description	FFD version
Name name Type AN..255 Type2 ANS..255 Description REST Name of the parameter describing the details of a line item WS Name of the parameter describing the details of a line item	AN..255	Yes	Name of the parameter describing the details of a line item	All versions.

==== tax ==== tax contains the following elements.

Name	Type	Mandatory	Description	FFD version
taxType	N..2	No	VAT rate. The following values are available: • 0 - without VAT; • 1 - VAT at rate of 0%; • 2 - receipt VAT at rate of 10%; • 4 - receipt VAT at calculated rate of 10/110; • 6 - receipt VAT at rate of 20%; • 7 - receipt VAT at calculated rate of 20/120. If the cart and fiscalization data are not included in the request, then the default values specified in the personal account are passed to the Fiscal Data Operator (see User Manual for personal account).	All versions.

Name	Type	Mandatory	Description	FFD version
taxSum	N..18	No	Amount of the tax calculated by the merchant. The amount is specified in minimum currency units	All versions.

==== additionalOfdParams ==== additionalOfdParams contains the following elements.

Name	Type	Mandatory	Description	FFD version
agent_info.type	N..2	Mandatory if agent_info object is passed.	Agent type. The following values are available: • 1 - banking payment agent; • 2 - banking payment subagent; • 3 - payment agent; • 4 - payment subagent; • 5 - attorney; • 6 - commission agent; • 7 - other agent.	1.05 and later versions.
agent_info.paying.operation	ANS..24	No	Name of the transaction of the paying agent.	1.05 and later versions.
agent_info.paying.phones	array ANS..19	No	Phone numbers array of the payments agent in +N format.	1.05 and later versions.
agent_info.paymentsOperator.phones	Array ANS..19	No	Phone numbers array of the payments operator in +N format.	1.05 and later versions.
agent_info.MTOperator.address	ANS..256	No	Money Transfer operator address.	1.05 and later versions.
agent_info.MTOperator.inn	N10..12	No	Money Transfer operator TIN.	1.05 and later versions.
agent_info.MTOperator.name	ANS..64	No	Money Transfer operator name.	1.05 and later versions.
agent_info.MTOperator.phones	array ANS..19	No	An array of Money Transfer operator phone numbers in +N format.	1.05 and later versions.

Name	Type	Mandatory	Description	FFD version
supplier_info.phones	Array ANS..19	No	An array of supplier phone numbers in +N format.	1.05 and later versions.
cashier	A..256	No	Cashier full name	1.05 and later versions.
additional_check_props	ANS..16	No	Additional property of the receipt.	1.05 and later versions.
additional_user_props.name	ANS..24	No	Name of the additional property of the user.	1.05 and later versions.
additional_user_props.value	ANS..24	No	Value of the additional property of the user.	1.05 and later versions.
cashier_inn	N..12	No	Cashier's INN	1.2 and later versions.
client.address	ANS..256	No	Customer address.	1.2 and later versions.
client.birth_date	NS10	No	Customer birth date as dd.mm.yyyy	1.2 and later versions.
client.citizenship	N3	No	Country numeric code of the county of Customer's citizenship. The country code is specified according to All-Russian World Countries Classifier (OKSM)	1.2 and later versions.
client.document_code	N2	No	Identification document type numeric code (for example, 21 stands for Russian Passport).	1.2 and later versions.
client.passport_number	NS11	No	Series and number of the payer's passport: 1111 222222	1.2 and later versions.
client.email	ANS..64	No	Customer's email address. Exactly one of the two fields must be passed: email or phone.	1.2 and later versions.

Name	Type	Mandatory	Description	FFD version
client.phone	NS..19	No	Customer's phone number. Must be passed with the country code without spaces and additional characters (except for + character). For example, the number «+371 2 1234567» should be passed as «+37121234567»). Exactly one of the two fields must be passed: email or phone.	1.2 and later versions.
client.inn	N12	No	INN of the buyer.	1.2 and later versions.
client.name	ANS..256	No	Customer name.	1.2 and later versions.
operatingCheckProps.name	ANS	No	Operation ID The value is «0» until the value of Russia's Federal Tax Service attribute is determined.	1.2 and later versions.
operatingCheckProps.name	ANS	No	Operation ID The value is «0» until the value of Russia's Federal Tax Service attribute is determined.	1.2 and later versions.
operatingCheckProps.timestamp	NS19	No	Date and time of the operation in dd.mm.yyyy HH:MM:SS format	1.2 and later versions.
operatingCheckProps.value	ANS..64	No	Operation data.	1.2 and later versions.
sectoralCheckProps.date	NS10	No	Date of the legislative act of the federal body of executive power that sets forth the requirements for assigning the value of «sectoral attribute». Format: dd.mm.yyyy.	1.2 and later versions.

Name	Type	Mandatory	Description	FFD version
sectoralCheckProps.federalId	ANS	No	Identifier of federal body of executive power. Must be one of the values from directory of federal bodies of executive power	1.2 and later versions.
sectoralCheckProps.number	N..32	No	Number of the legislative act of the federal body of executive power that sets forth the requirements for assigning the value of «sectoral attribute».	1.2 and later versions.
sectoralCheckProps.value	ANS..256	No	A set of values defined by the legislative act of the federal body of executive power.	1.2 and later versions.

===== 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.
The OrderStatus element contains order status parameters and is returned only if the payment gateway recognized all request parameters as correct. See the list of nested parameters below.			
errorCode	ANS..3	No	Error code. See description of error codes on this page.
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.

Name	Type	Mandatory	Description
orderStatus	N1	No	The order status in the payment system is defined by the value of this parameter. It is missing if the order has not been found. The following values are available: • 0 – order is registered but unpaid; • 1 – the preauthorized amount is held (for two-phase payments); • 2 – full authorization of the order amount was carried out; • 3 – authorization is canceled; • 4 – a refund operation was performed for the transaction; • 5 – authorization via ACS of the issuing bank was initiated; • 6 – authorization is declined.
actionCode	N..5	Yes	Processing code Full list of processing response codes and description of these codes is available on a separate page.
actionCodeDescription	AN..512	Yes	Description of actionCode returned by processing. Full list of processing response codes and description of these codes is available on a separate page.
amount	N..12	Yes	Payment amount in minimum currency units.
currency	N3	No	ISO 4217 code of the payment currency. If not specified, default value is used.
date	ANS	Yes	Date of order registration in Unix-time format (POSIX-time).
ip	ANS..39	Yes	IP-address of the buyer. IPv6 is supported in all requests (up to 39 characters).
merchantOrderParams element			

Name	Type	Mandatory	Description
Name name Type AN..20 Type2 ANS..255 Type3 A7 Type4 ANS..100 Description REST Name of the additional parameter. REST Online Lending The attribute name, always takes the value of mdOrder. WS Name of the additional parameter. Spasibo Name or the description of an item in any format. Spasibo2 Name of the parameter describing the details of a line item	AN..20	No	Name of the additional parameter.
value	AN..1024	No	The value of the additional parameter is up to 1024 characters.
attributes element			
name	A7	No	Name of the additional parameter.
value	AN..1024	No	The value of the additional parameter is up to 1024 characters.
cardAuthInfo element			
pan	N12...19	No	Masked number of the card that has been used for the payment. This parameter is to be specified only after the order has been paid. In the case of payment via Apple Pay, DPAN is used as the card number: a number associated with the buyer's mobile device and acting as a payment card number in the Apple Pay system.
expiration	ANS	No	Expiry date of the card in the format YYYYMM .
cardholderName	A..200	No	Cardholder's name in Latin characters, if available.
approvalCode	AN6	No	International payment system authorization code. This field has a fixed length (six characters) and can contain digits and Latin letters.
authDateTime	ANS	No	Authorization date and time in Unix time (POSIX time).

Name	Type	Mandatory	Description
terminalId	AN..10	No	Identifier of the terminal in processing through which the payment was made.
authRefNum	AN..24	No	Registration number of the payment authorization that has been assigned to it on the payment registration.
paymentAmountInfo element			
approvedAmount	N..12	No	Amount confirmed to be debited.
depositedAmount	N..12	No	The amount in the minimum currency units (for example, in kopecks), confirmed to be debited from the card.
refundedAmount	N..12	No	The refund amount in minimum currency units.
paymentState	A..10	No	Order status; the parameter can take the following values: • CREATED – order is created; • APPROVED – order is approved; • DEPOSITED – order is completed; • DECLINED – the order is declined; • REVERSED – order is reversed; • REFUND – there has been a refund for this order;
totalAmount	N..12	No	Order amount + fee (if applicable to the order).
The bankInfo element contains the following parameters.			
bankCountryName	AN..160	No	Country of the issuing bank.

===== Error codes from the error parameter =====

Error code	Error text
4	Invalid parameter value [paymentToken.signature], the check failed.
4	Authorization is invalid.
10	Invalid parameter value [merchant].
10	Invalid parameter value [orderNumber].
10	Invalid parameter value [paymentToken].
10	Invalid parameter value [paymentToken.version].
10	Invalid parameter value [paymentToken.header].
10	Invalid parameter value [paymentToken.signature].
10	Invalid parameter value [paymentToken.header.transactionId].
10	Invalid parameter value [paymentToken.header.wrappedKey].
10	Invalid parameter value [paymentToken.header.publicKeyHash].

===== Error codes from parameter errorCode =====

==== Request example ==== <sxh xml> <soapenv:Envelope
xmlns:soapenv=«<http://schemas.xmlsoap.org/soap/envelope/>»
xmlns:mer=«<http://engine.paymentgate.ru/webservices/merchant>»> </soapenv:Header>
<soapenv:Body> <mer:applePay> <arg0> <additionalParameters/>
<orderNumber>9eac9d14-4430-7e2a-a582-2d3b00096352</orderNumber>
<paymentToken>eyJ2ZXJzaW9uIjoiaUINBX3Yxliwic2lnbmF0dXJlIjoiaUUIBR0NTcUdTSWl3RFFFSEFhQ0FNS
UFDQVFFeER6QU5CZ2xnaGtnQlpRTUVBZ0VGQURDQUJna3Foa2lHOXcwQk3RUFB50NBTUIJRDRVqQ0NB
NHVnQXZkdjQkFnSUlhR0QybWRuTXB3OHdDZ1lJS29aSXpqMEVBd0l3ZWpFdU1Dd0dBmVVFQXZ3bFFYQn
diR1VnUVhCd2JHbGpZWFFwYjI0Z1NXNTBaV2R5WVhScGlyNGdRMEVnTFNCSE16RW1NQ1FHQTFVRUN3
d2RRWEJ3YkdVZ1EyVnlkR2xtYVdOaGRHbHZiaUJCZFHbS2IzSnBkSGt4RXpBUKJnTIZCQW9NQ2tGd2NHe
GxJRWx1WXk0eEN6QU5CZ05WQkFZVEFsVIRNqjRFRFRFMk1EWXdNekU0TVRZME1Gb1hEVEI4TURZd01
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QTFVZEV3RUIvd1FDTUFBd0h3WURWUjBqQk1Jnd0ZvQVJl0pKeUURVDPVPOG41c1QyS0d3L29ydjI1Ma3N3
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JYc3h5ckFpdJlUteTSQ2kySS9BQUFBQUFBQSIslmhIYWRlcil6eyJ3cmFwcGVkS2V5ljoIWHNQRWpWWXlwW
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Y21ZMXIiUTR3TG5IU0pnTIA1Rm5tbjU0MVBld2RYS29McXdpQxVDRoM0VIZzNneVpYRFpCNzk0VVjkV
XhwNzZ2b0QyOHlVcXhSN3QrUFJpc1E4PSJ9</paymentToken> <preAuth>0</preAuth>
<recurrent>0</recurrent> <recurrentInitialize>?</recurrentInitialize> </arg0> <orderBundle>
<customerDetails> <phone>+79123456789</phone> <inn>516974792202</inn> <passport>4507
443564</passport> </customerDetails> <!-- Contents of the cart --> <cartItems> <!-- Zero or more
repetitions: --> <items positionId=«1»> <name>«SMALL»</name> <quantity
measure=«0»>1</quantity> <itemCode>270_235.00</itemCode> <itemPrice>23500</itemPrice>
<tax> <taxType>0</taxType> <taxSum>0</taxSum> </tax> <itemAttributes> <attributes
name=«nomenclature»>010463003407001221CMK45BrhN0WLF</attributes> <attributes
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name=«supplier_info.phones»>+79123456789</attributes> <attributes
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name=«supplier_info.inn»>287381373424</attributes> <attributes
name=«excise»>10.0</attributes> <attributes name=«country_code»>810</attributes>
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name=«userData»>user data</attributes> <attributes
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name=«markQuantity.denominator»>2</attributes> <attributes
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name=«sectoralItemProps[1].date»>10.10.2021</attributes> <attributes

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name=«sectoralItemProps[1].number»>321/4567</attributes> <attributes
name=«sectoralItemProps[1].value»>value2</attributes> </itemAttributes> </items> </cartItems>
</orderBundle> </mer:applePay> </soapenv:Body> </soapenv:Envelope> </sxh> ==== Пример
ответа ==== Successful payment ==== <sxh xml> <soap:Envelope
xmlns:soap=«http://schemas.xmlsoap.org/soap/envelope/»> <soap:Body> <ns1:applePayResponse
xmlns:ns1=«http://engine.paymentgate.ru/webservices/merchant»> <return>
<success>true</success> <data> <orderId>ef72d37b-d87b-75f6-a87a-364e000d813a</orderId>
<transactionId>0cb952bc-af65-45c5-8674-b5e2b556ae34</transactionId> </data> <orderStatus
orderNumber=«138003» orderStatus=«2» actionCode=«0» actionCodeDescription=«»
amount=«23500» currency=«643» date=«2022-01-25T17:12:52.302+03:00» ip=«10.99.50.35»
errorCode=«0»> <attributes name=«mdOrder» value=«ef72d37b-d87b-75f6-
a87a-364e000d813a»/> <cardAuthInfo maskedPan=«411111**1111» expiration=«202412»
cardholderName=«Surname Name» approvalCode=«123456» paymentSystem=«VISA»>
<secureAuthInfo> <eci>7</eci> <threeDSInfo> <cavv>TVRJek5EVTJOemc1TVRJek5EVTI= </cavv>
</threeDSInfo> </secureAuthInfo> </cardAuthInfo>
<authDateTime>2022-01-25T17:12:52.575+03:00</authDateTime>
<authRefNum>691879196645</authRefNum> <paymentAmountInfo paymentState=«DEPOSITED»
approvedAmount=«23500» depositedAmount=«23500» refundedAmount=«0» feeAmount=«0»
totalAmount=«23500»/> <bankInfo bankName=«TEST BANK» bankCountryCode=«RU»
bankCountryName=«Россия»/> <chargeback>false</chargeback> <operations amount=«23500»
cardHolder=«Surname Name» authCode=«123456»/> </orderStatus> </return>
</ns1:applePayResponse> </soap:Body> </soap:Envelope> </sxh> ==== Failed payment ==== <sxh
javascript> <soap:Envelope xmlns:soap=«http://schemas.xmlsoap.org/soap/envelope/»>
<soap:Body> <ns1:applePayResponse
xmlns:ns1=«http://engine.paymentgate.ru/webservices/merchant»> <return>
<success>false</success> <error> <code>10</code> <description>Merchant hasn't private
key</description> </error> <orderStatus errorCode=«0»/> </return> </ns1:applePayResponse>
</soap:Body> </soap:Envelope> </sxh>
```