

Request for order extended status

The request used for getting the status of a registered order is «getOrderStatusExtended.do».

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:

Name	Type	Mandatory	Description
userName	AN..30	Yes	Login issued to the Store upon integration with the Payment Gateway.
password	AN..30	Yes	Password issued to the Store upon integration with the Payment Gateway.
orderId	AN..64	Yes*	Identifier of the order in the payment system. It is unique within the system. Missing if order registration failed due to an error detailed in ErrorCode.
orderNumber	AN..32	Yes*	Order identifier in the Store system.
language	A2	Yes	Language code in accordance with ISO 639-1. If this parameter is not specified, it is considered that the language is Russian. An error message will be returned in this language.

* Either orderId or orderNumber must be present in the request. If both parameters are present in the request, orderId has priority.

Several sets of response parameters exist. The exact sets of parameters to be returned depend on the version of getOrderStatusExtended specified in the merchant settings.

Response parameters for versions 01 and higher:

These parameters will be returned in the response regardless of the version getOrderStatusExtended.

Name	Type	Mandatory	Description	Version of getOrderStatusExtended
orderNumber	AN..32	Yes	Order identifier in the Store system.	All versions.

Name	Type	Mandatory	Description	Version of getOrderStatusExtended
orderStatus	N1	No	<p>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. Below is a list of possible values:</p> <ul style="list-style-type: none"> • 0 – order is registered but unpaid; • 1 – the pre-authorized 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 has been initiated through the access control server of the issuing bank; • 6 – authorization is declined. 	All versions.
actionCode	N3	Yes	Response code.	All versions.
actionCodeDescription	AN..512	Yes	Description of the response code in the language that is passed in language parameter of the request.	All versions.
errorCode	N3	No	Error code.	All versions.
errorMessage	AN..512	No	Error description in the language passed in the language parameter in the request.	All versions.
amount	N..20	Yes	The payment amount in kopecks (or cents).	All versions.
currency	N3	No	ISO 4217 code of the payment currency. If the code is not specified, the default value is 810 (Russian rubles).	All versions.
date	ANS	Yes	Order registration date.	All versions.
orderDescription	AN..512	No	Order description passed upon its registration.	All versions.
ip	ANS..39	Yes	IP-address of the buyer. IPv6 is supported in all requests (up to 39 characters).	All versions.
authDateTime	ANS	No	The authorization date and time.	02 and higher.
authRefNum	AN..24	No	Registration number of the payment authorization that has been assigned to it on the payment registration.	02 and higher.
terminalId	AN..10	No	Identifier of the terminal in processing through which the payment was made.	02 and higher.

Name	Type	Mandatory	Description	Version of getOrderStatusExtended
paymentWay	AS..14	Yes	<p>The way of order completion (a payment with entering card data, a payment using a binding, etc.). Possible values:</p> <ul style="list-style-type: none"> • CARD – payment with entering of card details; • CARD_BINDING – payment by binding; • CARD_MOTO – payment through call center; • CARD_PRESENT – payment by cardPresent; • SBRF_SBOL – payment through Sberbank Online; • UPOP – payment through China Union Pay; • FILE_BINDING – payment by file; • SMS_BINDING – payment by SMS; • P2P – transfer from card to card; • P2P_BINDING – transfer by binding; • PAYPAL – payment from a PayPal account; • MTS – payment from MTS account; • APPLE_PAY – Apple Pay; • APPLE_PAY_BINDING – payment by Apple Pay binding; • ANDROID_PAY – Android Pay; • ANDROID_PAY_BINDING – payment by Android Pay binding; • GOOGLE_PAY_CARD – Google Pay, non-tokenized; • GOOGLE_PAY_CARD_BINDING – payment by binding with non-tokenized Google Pay card; • GOOGLE_PAY_TOKENIZED – Google Pay, tokenized; • GOOGLE_PAY_TOKENIZED_BINDING – payment by binding with tokenized Google Pay card; • SAMSUNG_PAY – Samsung Pay; • SAMSUNG_PAY_BINDING – payment by Samsung Pay binding; • IPQS – iPOS payment; • SBERPAY – SberPay payment; • SBERID – SberID payment. 	09 and higher.

Name	Type	Mandatory	Description	Version of getOrderStatusExtended
cardAuthInfo element (the element contains a structure consisting of a list of elements of type secureAuthInfo and attributes pan, expiration, cardholderName and approvalCode):				
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.	All versions.
expiration	N6	No	The expiration date of the card validity period, in the format YYYYMM. This parameter is to be specified only after the order has been paid	All versions.
cardholderName	A..64	No	Cardholder's name in Latin characters, if available.	All versions.
approvalCode	AN6	No	International payment system authorization code. This field has a fixed length (six characters) and can contain digits and Latin letters.	All versions.
The secureAuthInfo element contains the eci element and the threeDSInfo element, the latter being an object with the cavv and xid parameters):				
eci	N..4	No	Electronic Commerce Indicator.	All versions.
cavv	ANS..200	No	The value of the cardholder authentication check. Indicated only after payment of the order and in case of respective permission.	All versions.
xid	ANS..80	No	Electronic Commerce Indicator of the transaction. The indicator is specified only after an order has been paid and in case the corresponding permission is present.	All versions.
BindingInfo element (consists of clientId and bindingId):				
clientId	AN..255	No	Identifier of the Customer in the Store system passed on the order registration. This parameter is present only if a Store has the permission to create bindings.	All versions.
bindingId	AN..255	No	Identifier of a binding created on an order payment or used to pay for an order. This parameter is present only if a Store has the permission to create bindings.	All versions.
paymentAmountInfo element (comprises approvedAmount, depositedAmount, refundedAmount and paymentState):				
approvedAmount	N..12	No	The amount put on hold on the card (is used only for two-phase payments).	03 and higher.
depositedAmount	N..12	No	The amount confirmed for debiting from the card.	03 and higher.
refundedAmount	N..12	No	The refund amount.	03 and higher.
paymentState	A..10	No	Payment status.	03 and higher.
bankInfo element (comprises bankName, bankCountryCode and bankCountryName):				
bankName	AN..200	No	Name of the issuing bank.	03 and higher.
bankCountryCode	AN..7	No	Country codes of the issuing bank.	03 and higher.
bankCountryName	AN..160	No	Name of the country of the issuing bank passed in the language parameter of the request or in the language of the user who has called the method if the language has not been specified in the request.	03 and higher.
loyaltyInfo/loyaltyInfos element (consists of the element loyaltyName and tags paymentBonus and awardBonus) - tag containing data about the status of bonus points for loyalty programs in the order				

Name	Type	Mandatory	Description	Version of getOrderStatusExtended
loyaltyInfo element (consists of the element loyaltyName and tags paymentBonus and awardBonus)		No	Tag containing data about the status of bonus points for loyalty programs in the order	04 and higher.
loyaltyInfos element (consists of the element loyaltyName and tags paymentBonus and awardBonus)		No	Tag containing data about the status of bonus points for loyalty programs in the order	Version 15 and higher.
loyaltyName	ANS..512	No	The name of the loyalty program (for Sberbank Spasibo bonuses, these are «sbrf_spasibo» and «sbrf_sbermiles»).	Version 15 and higher.
paymentBonus		No	Tag with attributes containing data about the status of used points to be debited along with payment for an order	04 and higher.
awardBonus		No	Tag with attributes containing data about the state of funds used to accrue points along with payment for an order	04 and higher.

paymentBonus element attributes:

Name	Type	Mandatory	Description
approvedAmountBonus	N..20	No	The amount of points to be debited along with payment for the order.
depositedAmountBonus	N..20	No	The confirmed amount in points to be debited at the time of the request.
refundedAmountBonus	N..20	No	Refund amount in points at the time of request.
pcId	ANS..512	No	The identifier of the last performed operation with the amount for the accrual of points in the loyalty processing.
successful	ANS..512	Yes	A feature of the success of the operation, the following values are possible: <ul style="list-style-type: none"> • true (successful); • false (unsuccessful).
paymentOperation	ANS..512	Yes	Type of the last transaction performed with the points being debited (PAYMENT, REVERSE, REFUND_PAYMENT)

awardBonus element attributes:

Name	Type	Mandatory	Description
approvedAmountAward	N..20	No	The initial amount for which the bonus points were accrued.
depositedAmountAward	N..20	No	The confirmed order amount for which the bonus points were accrued.
refundedAmountAward	N..20	No	The amount of the order refunded, for which the bonus points were accrued.
pcId	AN..512	No	The identifier of the last performed operation with the amount for the accrual of points in the loyalty processing.

Name	Type	Mandatory	Description
successful	AN..512	Yes	A feature of the success of the operation, the following values are possible: <ul style="list-style-type: none"> • true (successful); • false (unsuccessful).
paymentOperation	ANS..512	Yes	The type of the last transaction performed with the amount for the accrual of points (AWARD, REVERSE, REFUND_AWARD).

If the request for registering an order included a cart, then in response to the request for the extended status of the order would include an orderBundle block containing the shopping cart of the order. Description of orderBundle block is given below. (Applicable to getOrderStatusExtended 03 and higher.).

orderBundle parameter:

Name	Type	Mandatory	Description	Version of getOrderStatusExtended
orderCreationDate	ANS..21	No	Order creation date in the format YYYY-MM-DDTHH:MM:SS.	03 and higher.
customerDetails		No	Block containing attributes with data about the customer. The description of the attributes is given below.	03 and higher.
cartItems		No	Block with the attributes of the items in the cart. The description of the attributes is given below.	03 and higher.
loyalties		No	A block with attributes of bonus programs in which line items from the Shopping cart participate. The description of the attributes is given below. If the loyalties block parameter is not passed in the request and the amount to be debited in points is calculated not on the merchant's side, then this block will still be returned in response to an extended order status request.	03 and higher.

customerDetails block parameters:

Name	Type	Mandatory	Description	Version of getOrderStatusExtended
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Name	Type	Mandatory	Description	Version of getOrderStatusExtended
email	ANS..40	No	Customer's email address.	03 and higher.
phone	NS..12	No	Customer's phone number.	03 and higher.
contact	ANS..40	No	Customer's preferred way of communication.	04 and higher.
deliveryInfo	Not applicable	No	Block containing the attributes of the delivery address. The description of the attributes is given below.	04 and higher.

deliveryInfo block parameters:

Name	Type	Mandatory	Description	Version of getOrderStatusExtended
deliveryType	ANS..20	No	Delivery method.	04 and higher.
country	A..2	Yes	The two-letter country code for the delivery country.	04 and higher.
city	ANS..40	Yes	Delivery city.	04 and higher.
postAddress	ANS..255	Yes	Delivery address.	04 and higher.

cartItems block parameters:

Name	Type	Mandatory	Description	Version of getOrderStatusExtended
items		No	An element of the array containing attributes of an item in the cart. The description of the attributes is given below.	03 and higher.

items element attributes:

Name	Type	Mandatory	Description	Version of getOrderStatusExtended
positionId	ANS..12	Yes	The identifier of the line item participating in the specified bonus program.	03 and higher.

Name	Type	Mandatory	Description	Version of getOrderStatusExtended
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	ANS..100	Yes	Name or the description of an item in any format.	03 and higher.
itemDetails		No	Additional block containing the parameters describing a line item. The description of the attributes is given below.	04 and higher.
quantity		Yes	Element describing the total of items of one positionId and its unit of measurement The description of the attributes is given below.	03 and higher.
itemAmount	N..18	Yes	The total cost of all instances of one positionId specified in minimum currency units.	03 and higher.

Name	Type	Mandatory	Description	Version of getOrderStatusExtended
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.	03 and higher.
itemCode	ANS..100	Yes	Number (identifier) of a line item in the store system.	03 and higher.

quantity element attributes:

Name	Type	Mandatory	Description	Version of getOrderStatusExtended
value	N..18	Yes	Quantity of line items in given positionId. Use a decimal point as a separator in fractions.	03 and higher.
measure	ANS..20	Yes	The unit of measurement for the quantity of line item instances.	03 and higher.

itemDetails block parameters:

Name	Type	Mandatory	Description	Version of getOrderStatusExtended
itemDetailsParams		No	Parameter describing additional information regarding a line item. The description of the attributes is given below.	04 and higher.

itemDetailsParams parameter attributes:

Name	Type	Mandatory	Description	Version of getOrderStatusExtended
value	ANS..255	Conditional. Mandatory if itemDetailsParams parameter is present	Additional information on a line item.	04 and higher.

Name	Type	Mandatory	Description	Version of getOrderStatusExtended
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	ANS..255	Conditional. Mandatory if itemDetailsParams parameter is present	Name of the parameter describing the details of a line item	04 and higher.

loyalties block parameters:

Name	Type	Mandatory	Description	Version of getOrderStatusExtended
loyaltyProgramName	ANS..20	Yes	The conventional name of the bonus program, in which the item is involved, is issued by the payment gateway.	04 and higher.
positionId	ANS..12	Yes	The identifier of the line item participating in the specified bonus program.	04 and higher.

Name	Type	Mandatory	Description	Version of getOrderStatusExtended
bonusAmountForDebit	N..18	Yes	The total amount of bonuses of all line items for this positionId to debiting, indicated in kopecks.	04 and higher.
bonusAmountForCredit	N..18	No	The total amount of bonuses of all line items for this positionId to accrual, indicated in kopecks.	04 and higher.

Error codes (errorCode field):

Value	Description
0	Request processing took place without system errors
1	An order with this number is already registered in the system
2	Order is declined because of an error in the payment details
3	Unknown (forbidden) currency
4	There is no mandatory request parameter
5	Incorrect value of a request parameter
6	Unregistered OrderId
7	System error

An example of the POST request:

```
orderId=694312ed-9dd1-4178-9009-e1ac1aa5fb92&language=ru
```

Example response for version getOrderStatusExtended 04:

```
{
  "errorCode": "0",
  "errorMessage": "Successful",
  "orderNumber": "24398",
  "orderStatus": 2,
  "actionCode": 0,
  "actionCodeDescription": "Payment processed successfully",
  "amount": 30000,
  "currency": "643",
  "date": 1394094689585,
  "orderDescription": "testCart singlestep",
  "ip": "0.0.0.7",

  "merchantOrderParams": [
    {
      "name": "sbrf_spasibo:amount_bonus",
      "value": "300"
    }
  ],

  "attributes": [
    {
      "name": "mdOrder",
      "value": "694312ed-9dd1-4178-9009-e1ac1aa5fb92"
    }
  ],

  "cardAuthInfo": {
    "expiration": "201512",
    "cardholderName": "cardholder name",
    "approvalCode": "123456",
    "pan": "478978**1233"
  }
}
```

```

"authDateTime":1394094689585,"terminalId":"999714","authRefNum":"111111111111",
"paymentAmountInfo":{"paymentState":"DEPOSITED","approvedAmount":30000,"depositedAmount":30000,"refundedAmount":0},
  "bankInfo": {"bankCountryCode":"UNKNOWN", "bankCountryName":"<Unknown>"},
  "orderBundle":{"orderCreationDate":1373622660000,
"customerDetails":{"email":"johnsmith@mail.ru","phone":"89851231234","contact":"Mega Tester",
  "deliveryInfo": {"deliveryType":"courier", "country":"RU", "city":"Moscow",
"postAddress":"Zemlyanoy Val 50A p.2"}}},

  "cartItems":{"items":[{"positionId":"1","name":"Metzeler Enduro 3 Sahara",
"itemDetails":{"itemDetailsParams":[{"value":"Metzeler","name":"brand"}, {"value":"17inch","name":"radius"}]}},
"quantity":{"value":1.0,"measure":"pieces"},"itemAmount":10000,"itemCurrency":643,"itemCode":"T-M-14",
  "discount":{"discountType":"discount","discountValue":"777"}},
  {"positionId":"2","name":"Universal Mirror Enduro",
"itemDetails":{"itemDetailsParams":[{"value":"Noname","name":"brand"}, {"value":"12mm","name":"diameter"}]}},
"quantity":{"value":1.0,"measure":"pieces"},"itemAmount":10000,"itemCurrency":643,"itemCode":"NM-15"},
  {"positionId":"3","name":"Warm Grips",
"itemDetails":{"itemDetailsParams":[{"value":"Noname","name":"brand"}]}},
"quantity":{"value":1.0,"measure":"pieces"},"itemAmount":10000,"itemCurrency":643,"itemCode":"G-16"}]}},

  "loyaltyInfo":{"loyaltyName":"sbrf_spasibo","paymentBonus":
{"approvedAmountBonus":300,"depositedAmountBonus":300,"refundedAmountBonus":0,"pcId":"3139154",
  "successful":true,"paymentOperation":"PAYMENT"},
"awardBonus":{"approvedAmountAward":30000,"depositedAmountAward":30000,"refundedAmountAward":0,"pcId":"3139155",
  "successful":true,"paymentOperation":"AWARD"}}}

```

Example response for version getOrderStatusExtended 15:

```

{
  "errorCode":"0",
  "errorMessage":"Successful",
  "orderNumber":"9064",
  "orderStatus":2,
  "actionCode":0,
  "actionCodeDescription":"",
  "amount":9800,

```

```
"currency": "643",
"date": 1584012874234,
"depositedDate": 1584012899439,
"orderDescription": "",
"ip": "10.99.50.35",
"merchantOrderParams": [
  {
    "name": "sbrf_sbermiles:amount_bonus",
    "value": "100"
  },
  {
    "name": "loyaltyId",
    "value": "sbrf_spasibo,sbrf_sbermiles"
  },
  {
    "name": "sbrf_spasibo:amount_bonus",
    "value": "100"
  },
  {
    "name": "sbrf_spasibo:change_rate",
    "value": "2.0"
  },
  {
    "name": "sbrf_sbermiles:change_rate",
    "value": "1"
  },
  {
    "name": "client_uuid",
    "value": "DB0427E0D30749FABBE8E9B214590A25"
  },
  {
    "name": "new_card_payment",
    "value": "true"
  }
],
"transactionAttributes": [
  {
    "name": "merchantIp",
    "value": "10.99.50.35"
  }
],
"attributes": [
  {
    "name": "mdOrder",
    "value": "b6f698e1-fb8d-7b6d-8f56-130700ef5d58"
  }
],
"cardAuthInfo": {
  "maskedPan": "427601**6064",
  "expiration": "202412",
  "cardholderName": "CARDHOLDER NAME",
```

```
    "approvalCode": "123456",
    "paymentSystem": "VISA",
    "pan": "427601**6064"
  },
  "authDateTime": 1584012899096,
  "terminalId": "123456",
  "authRefNum": "580849427803",
  "paymentAmountInfo": {
    "paymentState": "DEPOSITED",
    "approvedAmount": 9800,
    "depositedAmount": 9800,
    "refundedAmount": 0,
    "feeAmount": 0
  },
  "bankInfo": {
    "bankName": "SBERBANK of Russia",
    "bankCountryCode": "RU",
    "bankCountryName": "Russia"
  },
  "payerData": {
    "email": "a-sbersafe0009@bpcbt.com",
    "phone": "9993330009"
  },
  "loyaltyInfos": [
    {
      "loyaltyName": "sbrf_sbermiles",
      "paymentBonus": {
        "approvedAmountBonus": 100,
        "depositedAmountBonus": 100,
        "refundedAmountBonus": 0,
        "pcId": "81753909",
        "successful": true,
        "paymentOperation": "PAYMENT"
      },
      "awardBonus": {
        "approvedAmountAward": 9800,
        "depositedAmountAward": 9800,
        "refundedAmountAward": 0,
        "pcId": "81753912",
        "successful": true,
        "paymentOperation": "AWARD"
      }
    },
    {
      "loyaltyName": "sbrf_spasibo",
      "paymentBonus": {
        "approvedAmountBonus": 100,
        "depositedAmountBonus": 100,
        "refundedAmountBonus": 0,
        "pcId": "81753908",
        "successful": true,
```

```
        "paymentOperation": "PAYMENT"
    },
    "awardBonus": {
        "approvedAmountAward": 9800,
        "depositedAmountAward": 9800,
        "refundedAmountAward": 0,
        "pcId": "81753910",
        "successful": true,
        "paymentOperation": "AWARD"
    }
},
"chargeback": false,
"paymentWay": "CARD"
}
```