Extended order status request (getOrderStatusExtended)

The request used for getting the status of a registered order is `getOrderStatusExtended`.

Use the following URL to connect to the Test Service (WSDL):
https://3dsec.sberbank.ru/payment/webservices/merchant-ws?wsdl.

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
orderId	ANS36	Yes (see note below)	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.
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.
merchantOrderNumber	ANS..32	Yes (see note below)	Order identifier in the Store system.

The request must contain either `orderId` or `merchantordernumber`. If both parameters are present in the request, `orderId` has priority.

Response parameters

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.

Name	Type	Mandatory	Description	Version of getOrderStatusExtended
orderNumber	ANS..32	Yes	Order number in the store system. This is optional only if the automatic generation of the order number is enabled on the gateway (for this, contact technical support).	All versions.
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. Below is a list of possible values: • 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	N..5	Yes	Processing code Full list of processing response codes and description of these codes is available on a separate page.	All versions.
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.	All versions.
errorCode	ANS..3	No	Error code. See error codes description below.	All versions.
errorMessage	AN..512	No	Error description in the language passed in the `language` parameter in the request.	All versions.
amount	N..12	Yes	Payment amount in minimum currency units.	All versions.
currency	N3	No	ISO 4217 code of the payment currency. If not specified, default value is used.	All versions.
date	ANS	Yes	Date of order registration in Unix-time format (POSIX-time).	All versions.
depositedDate	N	No	Date of order payment in Unix-time format (POSIX-time).	10 and higher.
orderDescription	ANS..600	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.
authRefNum	AN..24	No	Registration number of the payment authorization that has been assigned to it on the payment registration.	02 and higher.
refundedDate	ANS	No	Date and time of the refund.	13 and higher.

Name	Type	Mandatory	Description	Version of getOrderStatusExtended
paymentWay	AS..14	yes	The way of order completion (a payment with entering card data, a payment using a binding, etc.). Possible values: • 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; • IPOS - iPOS payment; • SBERPAY – SberPay payment; • SBERID – SberID payment.	09 and higher.

Name	Type	Mandatory	Description	Version of getOrderStatusExtended
avsCode	A1	No	AVS Response Code – AVS response code (verification of cardholder's registration address and postal code). The possible values are: • A – Both address and postal code match; • B – Address matches, postal code does not match; • C – Postal code matches, address does not match; • D – Neither address nor postal code match; • E – Verification requested but not available; • F – Transaction improperly requests verification.	09 and higher.

The `merchantOrderParams` element is present in a response if an order contains additional parameters of the merchant. Each additional order parameter is contained in a separate `merchantOrderParams` element.

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	AN..20	No	Name of the additional parameter.	All versions.
value	AN..1024	No	The value of the additional parameter is up to 1024 characters.	All versions.

`cardAuthInfo` element. Contains a structure consisting of a list of `secureAuthInfo` element and the following parameters.

Name	Type	Mandatory	Description	Version of getOrderStatusExtended
maskedPan	N..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	ANS	No	Expiry date of the card in the format **YYYYMM**.	All versions.
cardholderName	A..200	No	Cardholder's name in Latin characters, if available.	All versions.

Name	Type	Mandatory	Description	Version of getOrderStatusExtended
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.
chargeback	A..5	No	The parameter defines whether the funds have been forcibly returned to the buyer by the bank. The following values are available: • true – funds were returned; • false – funds were not returned.	06 and higher.
paymentSystem	N..10	yes	The payment system name. Available values: • VISA; • MASTERCARD; • AMEX; • JCB; • CUP; • MIR.	08 and higher.
product	AN..255	yes	Additional details on corporate cards. This information is filled in by technical support. If such details are missing, an empty value is returned.	08 and higher.
productCategory	string	yes	Additional details about corporate cards. These details are filled in by the technical support service through the administrative console. If such details are missing, an empty value is returned. The possible values are: DEBIT, CREDIT, PREPAID, NON_MASTERCARD, CHARGE, DIFFERED_DEBIT.	17.
The secureAuthInfo element (the element consists of the eci and threeDSInfo elements 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.
The bindingInfo element consists of the following parameters.				
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.	All versions.
bindingId	AN..255	No	Identifier of the binding created earlier.	All versions.
authDateTime	ANS	No	Authorization date and time in Unix time (POSIX time).	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
The paymentAmountInfo element consists of the following parameters.				
approvedAmount	N..12	No	Amount confirmed to be debited.	03 and higher.
depositedAmount	N..12	No	The amount in the minimum currency units (for example, in kopecks), confirmed to be debited from the card.	03 and higher.
refundedAmount	N..12	No	The refund amount in minimum currency units.	03 and higher.
paymentState	A..10	No	Payment status.	03 and higher.
feeAmount	N..12	No	Commission amount in minimum currency units.	11 and higher.
totalAmount	N..12	No	Order amount + fee (if applicable to the order).	18 and higher.
The bankInfo element contains the following parameters.				
bankName	ANS..50	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	Country of the issuing bank.	03 and higher.
The payerData element contains the following parameters.				
email	ANS..40	No	Customer's email address.	13 and higher.
transactionAttributes	Element	No	The transactionAttributes element contains information about order details. • name = merchantIp, contains information about the merchant's IP address • name = sbolBankInvoiceId contains the ID of the transaction in SBOL.	14 and higher.

Error codes

Error code	Error text
1	Expected [orderId] or [orderNumber].
7	Transaction is being processed now. Please try again later.

Error codes

Error code	Error text
0	The request has been processed without system errors.
5	Access denied.
5	The user must change the password.
5	[orderId] not specified.
6	Unregistered orderId.
7	System error.

Examples

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:getOrderStatusExtended>
            <order orderId="942e8534-ac73-4e3c-96c6-f6cc448018f7"
language="en">
                <!--Optional:-->
                <merchantOrderNumber> </merchantOrderNumber>
            </order>
        </mer:getOrderStatusExtended>
    </soapenv:Body>
 </soapenv:Envelope>
```

Пример ответа

```
<soap:Envelope xmlns:soap="http://schemas.xmlsoap.org/soap/envelope/">
    <soap:Body>
        <ns1:getOrderStatusExtendedResponse
xmlns:ns1="http://engine.paymentgate.ru/webservices/merchant">
            <return orderNumber="0s7a84sPe49Hdsddd0134567a0" orderStatus="2"
actionCode="0" actionCodeDescription="Request processed successfully"
amount="33000" currency="643" date="2013-11-13T16:51:02.785+04:00"
orderDescription=" " errorCode="0" errorMessage="Success">
                <attributes name="mdOrder" value="942e8534-ac73-4e3c-96c6-
f6cc448018f7"/>
                <cardAuthInfo maskedPan="411111**1111" expiration="201512"
cardholderName="Ivan" approvalCode="123456"/>
                <authDateTime>2013-11-13T16:51:02.898+04:00</authDateTime>
                <terminalId>111113</terminalId>
                <authRefNum>111111111111</authRefNum>
                <paymentAmountInfo paymentState="DEPOSITED"
approvedAmount="33000" depositedAmount="33000" refundedAmount="0"/>
                <bankInfo bankName="TEST CARD" bankCountryCode="RU"
bankCountryName="Russian Federation"/>
            </return>
        </ns1:getOrderStatusExtendedResponse>
    </soap:Body>
 </soap:Envelope>
```