

Request for order payment

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

- string – string;
- array – data array;
- object – data object;
- data – date;
- boolean – boolean (logical) data type;
- int. (integer) – integer data type;
- amount – a numeric data type (amount).

This request also allows to accept a one-phase P2P_debit payment only if the order is registered as a P2P order with the passed parameter `WITHOUT_T0_CARD` feature.

Request parameters:

Parameter	Type	Description	Example
mdOrder	string	Order number in the payment gateway. Unique within the payment gateway.	0f7a3d11-43ac-7942-80ce-08f700f18047
bindingUuid	string	Sbersafe binding identifier.	
pan	string	Payment card number.	4276010013296064
expiry	string	The validity of the card.	202412
cardholder	string	Name of the cardholder.	Integration Tester
cvc	string	CVC/CVV2 code on the back of the card.	555
phone	string	Customer's phone number without a leading «7».	9875270160
email	string	Customer's email address.	test@test.com
deliveryAddress	string	Delivery address.	
loyaltyId	string	Loyalty program identifier.	sbrf_spasibo

Parameter	Type	Description	Example
loyaltyPointAmount	string	Amount of «Spasibo» bonuses (in units of bonuses). When you specify bonuses in the order registration request, they are deducted from the amount in amount rather than being added to it.	100
loyaltyPayments	string	A block containing information about the loyalty program identifier and the amount of points.	
externalBindingId	string	Gateway Binding (External).	
importExternalBindings	string	Flag for importing bindings.	
params	string	Extra options. 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	
googlePaymentToken	string	Google Pay payment token.	
samsungPaymentToken	string	Samsung Pay payment token.	
applePaymentToken	string	Apple Pay payment token.	
threeDSSTransId	string	Transaction identifier created on the 3DS server. This parameter is used for Customer authentication using the 3DS Protocol version 2.0.	
blockBindingCreationEnable	boolean	Additional parameter used in order to avoid saving card data during payment.	

Response parameters:

Parameter	Type	Description	Value example
errorCode	int	Error code.	0
errorMessage	string	Error description.	«Invalid operation for the current order status»
mdOrder	string	Order number in the payment gateway. Unique within the payment gateway.	de2ad073-79f5-7877-b600-69d00008e652
orderStatus	string	Order status in the payment system.	DEPOSITED

Parameter	Type	Description	Value example
acsUrl	string	Redirect address to the address of the ACS server.	"https://test.com/acs/auth/start.do"
paReq	string	Parameter to pass to ACS for authentication.	eJxVUk1zgJAQ/SsM95KEr1pnjUOLnXqgYxUvvVHYAVQ+DFDUX99EUeshM/t2N2/3vQSmXCV5mU70dfj+N
termUrl	string	URL to redirect the payer to after authentication.	"https://test.com/release04/order/finishTds"
redirect	string	Return address after the payment.	"https://test.com/release04/merchants/sbersafe/finish.html4"
is3DSVer2	boolean	Flag indicating that the payment/transfer will be made using the 3DS Protocol version 2.0. The following values are available: • true – the payment/transfer will be made using the 3DS Protocol version 2.0; • false – the payment/transfer will not be made using 3DS Protocol version 2.0. This parameter is used for Customer authentication using the 3DS Protocol version 2.0.	
packedCReq	string	Packed data of challenge request. This value should be used as the value of the creq parameter of the link to ACS (acsUrl), for redirecting the customer to ACS.	
threeDSSTransId	string	Transaction identifier created on the 3DS server. This parameter is used for Customer authentication using the 3DS Protocol version 2.0.	
threeDSMethodURL	string	The URL address of the ACS to collect data about the browser. This parameter is used for Customer authentication using the 3DS Protocol version 2.0.	
threeDSMethodURLServer	string	URL address of the 3DS server for connecting browser data to include in the AReq (Authentication Request) request from the 3DS server to the ACS server. This parameter is used for Customer authentication using the 3DS Protocol version 2.0.	
threeDSMethodDataPacked	string	Base64-encoded CReq (Challenge Response) data to send to the ACS server. This parameter is used for Customer authentication using the 3DS Protocol version 2.0.	

Request example:

POST

/order/payment?mdOrder=0f7a3d11-43ac-7942-80ce-08f700f18047&pan=4276010013296064&expiry=202412&cardholder=Integration%20Tester&cvc=555&phone=9875270160&email=test@test.com HTTP/1.1

Host: 3dsec.sberbank.ru/sbersafe

Content-Type: application/x-www-form-urlencoded

Accept: application/json

Content-Length: <content-length>

Response example:

HTTP/1.1 200 OK

Content-Type: application/json

Cache-Control: no-cache

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{"errorCode":0,"mdOrder":"0f7a3d11-43ac-7942-80ce-08f700f18047","orderStatus":"DEPOSITED","redirect":"https://test.com/payment/merchants/rbs/finish.html?orderId=0f7a3d11-43ac-7942-80ce-08f700f18047&lang=ru","status":"SUCCESS"}
```