

Start of 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).

Request parameters:

Parameter	Type	Description	Example
transactionNumber	string	A unique transaction number on the partner's side is required to maintain idempotence of transactions.	7654321DS
source	object	The object of the payment source, only «card» or «binding» can be specified for passing.	
card	object	Data object with information about the source card.	
pan	string	Payment card number.	5647637465647384
expiryDate	date	The validity of the card.	2018-07
cardholderName	string	Cardholder's name in Latin characters, if available.	IVAN PETROV
saveCard	boolean	Indication to save the card data for the future use.	true
binding	string	Identifier.	87414E0F13AB4542AA9D10E81F74A6E3
amount	amount	Data object about the amount of payment.	
transactionAmount	amount	Payment amount in minor currency units (61.00 rubles = 6100).	6100
transactionFee	amount	The amount of the commission for payment in minor currency units (1.00 rubles = 100).	100
currency	string	Balance currency.	643
loyaltyPointsAmount	string	Amount of «Spasibo» bonuses (in units of bonuses).	59
returnUrl	object	Data object to specify the URL for the customer to return to.	
success	string	URL address in case of successful completion of the operation.	https://success.domain.ru

Parameter	Type	Description	Example
fail	string	URL address in case of unsuccessful completion of the operation.	https://fail.domain.ru

Request format:

```
POST /api/payment/start HTTP/1.1
Host: 3dsec.sberbank.ru/sbersafe
Authorization: <accessToken>
Content-Type: application/json
Accept: application/json; version=1.0
Content-Length: <content-length>
{
  "transactionNumber": "<transactionNumber>",
  "source": {
    "card": {
      "pan": "<pan>",
      "expiryDate": "<expiryDate>",
      "cardholderName": "<cardholderName>",
      "cvc": "<cvc>",
      "saveCard": <true|false>
    },
    "binding": "<binding>"
  },
  "amount": {
    "transactionAmount": <transactionAmount>,
    "transactionFee": <transactionFee>,

```

```

    "currency": "<currency>",

    "loyaltyPointsAmount": "<loyaltyPointsAmount>"

}

"returnUrl": {

    "success": <success>,

    "fail": "<fail>"

}

}

```

Response parameters:

Parameter	Type	Description	Example
mdOrder	string	Order number in the payment gateway. Unique within the payment gateway.	906bf262-bd53-4ac7-983c-07127954681b
transactionNumber	string	A unique transaction number on the partner's side is required to maintain idempotence of transactions.	7654321DS
info	string	Result of a payment attempt.	Your payment has been processed, redirecting.
redirectUrl	string	URL address the customer to redirect to.	https://test.paymentgate.ru/acs/auth/start.do
paReq	string	Parameter to pass to ACS for authentication.	ejxVUk1zgJAQ/SsM95KEr1pnjUOLnXqgYxUvvVHYAVQ+DFDUX99EUeshM/t2N2/3vQSmXCV5mU70dfj+N
requestId	string	Request identifier.	gbhjnkm-rdcfgv-hbjnkm-7689ui-okp3ew
status	string	Indication of the status of the request processing result	SUCCESS

Response format:

```

HTTP/1.1 200 OK
Content-Type: application/json
Content-Length: <content-length>
Cache-Control: no-store

```

```
{
  "mdOrder": "<mdOrder>",
  "info": "<info>",
  "redirectUrl": "<redirectUrl>",
  "paReq": "<paReq>",
  "requestId": "<requestId>",
  "status": "<status>"
}
```