

# Payments API Documentation

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## Important notes

1. All endpoints use **application/json** content type in requests and responses
2. Current version of API doesn't require user authentication

# Payment API Endpoints

## Create Payment Endpoint

<b>Path:</b>	<a href="/v1/payments/create">/v1/payments/create</a>
<b>Method:</b>	POST
<b>Parameters:</b>	empty
<b>Request Body:</b>	<i>Payment</i> object ( <b>required</b> )

Responses	Code	Description	Body
	201	payment created	empty
	400	invalid content	empty
	500	server failure	empty

<b>Additional</b>	Response header includes payment location URL Payment id provided in the body is ignored (id is generated by the server) Payment version in the body is ignored (version is set to 1 by the server)
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## Update Payment Endpoint

<b>Path:</b>	<a href="/v1/payments/update">/v1/payments/update</a>
<b>Method:</b>	PUT
<b>Parameters:</b>	empty
<b>Request Body:</b>	<i>Payment</i> object ( <b>required</b> )

Responses	Code	Description	Body
	200	payment updated	empty
	400	invalid content	empty
	404	payment not found	empty
	409	version conflict	empty
	500	server failure	empty

<b>Additional</b>	Response header includes payment location URL Payment object <b>MUST</b> contain a valid id Payment won't be updated, if payment in the database with the same id has a different version
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## Delete Payment Endpoint

<b>Path:</b>	<a href="#">/v1/payments/delete/{id}</a>
<b>Method:</b>	DELETE
<b>Parameters:</b>	id      payment id to delete    (required)
<b>Request Body</b>	empty

Responses	Code	Description	Body
	200	payment deleted	empty
	404	payment not found	empty
	500	server failure	empty

## Get Payment Endpoint

<b>Path:</b>	<a href="#">/v1/payments/get/{id}</a>
<b>Method:</b>	GET
<b>Parameters:</b>	id      payment id to get    (required)
<b>Request Body:</b>	empty

Responses	Code	Description	Body
	200	ok	<i>PaymentResult</i> object
	404	payment not found	empty
	500	server failure	empty

## Get All Payments Endpoint

<b>Path:</b>	<a href="#">/v1/payments/all</a>
<b>Method:</b>	GET
<b>Parameters:</b>	empty
<b>Request Body:</b>	empty

Responses	Code	Description	Body
	200	ok	<i>PaymentListResult</i> objects
	500	server failure	empty

# Models

## Payment

```
{
  "type": string,
  "id": string,
  "version": integer,
  "organisation_id": string,
  "attributes": Attributes
}
```

## Attributes

```
{
  "amount": string,
  "beneficiary_party": BeneficiaryParty,
  "charges_information": ChargesInformation,
  "currency": string,
  "debtor_party": DebtorParty,
  "end_to_end_reference": string,
  "fx": FX,
  "numeric_reference": string,
  "payment_id": string,
  "payment_purpose": string,
  "Payment_scheme": string,
  "payment_type": string,
  "processing_date": string,
  "reference": string,
  "scheme_payment_sub_type": string,
  "scheme_payment_type": string,
  "sponsor_party": SponsorParty
}
```

## Beneficiary Party

```
{
  "account_name": string,
  "account_number": string,
  "account_number_code": string,
  "account_type": integer,
  "address": string,
  "bank_id": string,
  "bank_id_code": string,
  "name": string
}
```

## Debtor Party

```
{
    "account_name":      string,
    "account_number":    string,
    "account_number_code": string,
    "address":           string,
    "bank_id":           string,
    "bank_id_code":      string,
    "name":              string
}
```

## Sponsor Party

```
{
    "account_number":      string,
    "bank_id":             string,
    "bank_id_code":        string
}
```

## Charges Information

```
{
    "bearer_code":          string,
    "sender_charges":       SenderCharges[]
    "receiver_charges_amount": string,
    "receiver_charges_currency": string
}
```

## Sender Charges

```
{
    "amount":      string,
    "currency":    string
}
```

## FX

```
{
    "contract_reference": string,
    "exchange_rate":      string,
    "original_amount":    string,
    "original_currency":  string
}
```

Links

```
{
  "self": string,
  "update": string,
  "delete": string
}
```

PaymentResult

```
{
  "data": Payment,
  "links": Links
}
```

PaymentListResult

```
{
  "data": Payment[],
  "links": Links
}
```