



ALPHA BANK

# Alpha Bank WEB Banking APIs Specification

IT Applications Division - eBanking Sector

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# Alpha Bank - WEB Banking API

# Chapter 1. Overview

The ALPHA WEB Banking Account-Info and Payment API are PSD2 Compliant APIs providing information about the accounts (products) of a WEB Banking subscriber of the Alpha Bank, as well as payment initiation functionality.

Both account information and lists of transactions can be acquired, along with direct-debits, standing orders, etc.

## 1.1. Version information

*Version* : 1.0.1

## 1.2. URI scheme

*Host* : gw.api.alphabank.gr

*BasePath* : /api/sandbox

*Schemes* : HTTPS

## 1.3. Tags

- **AccountAndTransaction** : Provides Account and Transaction information.
- **OpenData** : Offers access to Open Bank Data including Branch information, ATMs and Currency rates.
- **Payments** : This API implements the protocol which is necessary in order a transfer or payment transaction to be initiated and monitored.

## Chapter 2. Alpha Bank APIs specification

### 2.1. Custom headers

Each API function might require parameters that reside in the headers section of the HTTP request. Several headers used to pass parameter values are custom Alpha Bank headers.

The definition of the Alpha Bank custom headers is given below.

header	type	description
x-ab-bank-id	string	The unique id of the Alpha Bank to which the request is issued. Use CRBAGRAA for Alpha Bank Greece.
x-ab-customer-last-logged-time	string	The time when the PSU last logged in with the TPP. All dates in the HTTP headers are represented as RFC 7231 Full Dates.
x-ab-customer-ip-address	string	The PSU's IP address if the PSU is currently logged in with the TPP.
x-ab-interaction-id	string	An RFC4122 UID used as a correlation id.
x-ab-lang	string	An ISO 639-1 two letter language code. Only 'el' and 'en' values are valid.
x-ab-locator	string	A 'locator' used to support pagination for long lists. When a request returns a partial list, the x-ab-locator header is present providing for a value to be used in subsequent request in order to acquire more results.
Ocp-Apim-Subscription-Key	string	The subscription key associated with a product subscription containing the API. This header is required.

## Chapter 3. Security

### 3.1. PSUSec

OAuth2 flow, it is required when the PSU needs to perform authentication with the Alpha BANK when a TPP wants to access an Alpha BANK resource owned by the PSU

Type : oauth2

Flow : accessCode

Token URL : <https://secure.alpha.gr/auth/authorization>

Token URL : <https://secure.alpha.gr/auth/token>

Name	Description
account-info	Account Request scope
payment	Payment/Transfer execution scope
payment-info	Payment/Transfer submission information scope

### 3.2. TPPSec

TPP client credential authorisation flow for intent object

Type : oauth2

Flow : application

Token URL : <https://secure.alpha.gr/auth/token>

Name	Description
account-info-setup	permission to create an account request intent object
payment-setup	permission to create a payment/transfer request intent object
open-data	permission to access Open Bank Data

## Chapter 4. Resources

### 4.1. AccountAndTransaction

Provides Account and Transaction information.

#### 4.1.1. Ask for an account request

POST /accounts/v1/account-requests

#### Description

Ask for the generation of an account request. The account request is a 'resource' representing the intent of the client application to ask for account and transaction information. This intent must be authorised by the end user in order for the client to acquire the access-token necessary to call any of the relative API operations. The authorization of the intent is performed using the "request" parameter (query argument) at the authorize request.

#### Parameters

Type	Name	Description	Schema
Body	<b>body</b> <i>required</i>	Create an Account Request	<a href="#">Account Request POST request object</a>
Header	<b>x-ab-bank-id</b> <i>required</i>	The unique id of the Alpha Bank to which the request is issued. Use CRBAGRAA for Alpha Bank Greece.	string
Header	<b>x-ab-psu-last-logged</b> <i>optional</i>	The time when the PSU last logged in with the TPP. All dates in the HTTP headers are represented as RFC 7231 Full Dates.	string
Header	<b>x-ab-psu-ip</b> <i>optional</i>	The PSU's IP address if the PSU is currently logged in with the TPP.	string
Header	<b>x-ab-interaction-id</b> <i>optional</i>	An RFC4122 UID used as a correlation id.	string
Header	<b>x-ab-lang</b> <i>optional</i>	An ISO 639-1 two letter language code. Only 'el', 'ro' and 'en' values are valid.	string
Header	<b>Authorization</b> <i>required</i>	An Authorisation Bearer Token as per <a href="https://tools.ietf.org/html/rfc6750">https://tools.ietf.org/html/rfc6750</a>	string
Header	<b>Ocp-Apim-Subscription-Key</b> <i>required</i>	The subscription key necessary to access the API endpoint	string

#### Account Request POST request object



Name	Schema
<b>ProductIdentifiers</b> <i>optional</i>	<a href="#">ProductIdentifiers</a>
<b>Risk</b> <i>required</i>	<a href="#">Risk</a>

## Responses

HTTP Code	Description	Schema
201	Account Request resource successfully created <b>Headers :</b> <b>x-ab-interaction-id</b> (string) : An RFC4122 UID used as a correlation id.	<a href="#">Account Request POST response</a>
400	Bad Request	<a href="#">ErrorDescription</a>
401	Unauthorized	No Content
403	Forbidden	No Content
405	Method Not Allowed	No Content
406	Not Acceptable	No Content
429	Too Many Requests <b>Headers :</b> <b>Retry-After</b> (integer) : Number in seconds to wait.	<a href="#">ErrorDescription</a>
500	Internal Server Error	<a href="#">ErrorDescription</a>

### Account Request POST response

Name	Description	Schema
<b>AccountRequestId</b> <i>required</i>	Unique identification as assigned to identify the account request resource. <b>Length : 1 - 128</b>	string
<b>Status</b> <i>optional</i>	Specifies the status of the account request resource.	enum (Accepted, Authorised, Rejected, Revoked)
<b>CreationDateTime</b> <i>required</i>	Date and time at which the resource was created (in ISO 8601 format).	string (date-time)
<b>ProductIdentifiers</b> <i>optional</i>		<a href="#">ProductIdentifiers</a>
<b>Risk</b> <i>optional</i>		<a href="#">Risk</a>

## Consumes

- `application/json; charset=utf-8`

## Produces

- `application/json; charset=utf-8`

## Security

Type	Name	Scopes
oauth2	TPPSec	account-info-setup

### 4.1.2. Get an account request

```
GET /accounts/v1/account-requests/{AccountRequestId}
```

#### Description

Return the Account Request intent object given its Id.

#### Parameters

Type	Name	Description	Schema
Path	<b>AccountRequestId</b> <i>required</i>	Unique identification as assigned by the ASPSP to uniquely identify the account request resource.	string
Header	<b>x-ab-bank-id</b> <i>required</i>	The unique id of the Alpha Bank to which the request is issued. Use CRBAGRAA for Alpha Bank Greece.	string
Header	<b>x-ab-psu-last-logged</b> <i>optional</i>	The time when the PSU last logged in with the TPP. All dates in the HTTP headers are represented as RFC 7231 Full Dates.	string
Header	<b>x-ab-psu-ip</b> <i>optional</i>	The PSU's IP address if the PSU is currently logged in with the TPP.	string
Header	<b>x-ab-interaction-id</b> <i>optional</i>	An RFC4122 UID used as a correlation id.	string
Header	<b>x-ab-lang</b> <i>optional</i>	An ISO 639-1 two letter language code. Only 'el', 'ro' and 'en' values are valid.	string
Header	<b>Authorization</b> <i>required</i>	An Authorisation Bearer Token as per <a href="https://tools.ietf.org/html/rfc6750">https://tools.ietf.org/html/rfc6750</a>	string
Header	<b>Ocp-Apim-Subscription-Key</b> <i>required</i>	The subscription key necessary to access the API endpoint	string

#### Responses

HTTP Code	Description	Schema
200	Account Request resource successfully retrieved <b>Headers :</b> <b>x-ab-interaction-id</b> (string) : An RFC4122 UID used as a correlation id.	<a href="#">Account Request GET response</a>
400	Bad Request	<a href="#">ErrorDescription</a>
401	Unauthorized	No Content

HTTP Code	Description	Schema
403	Forbidden	No Content
405	Method Not Allowed	No Content
406	Not Acceptable	No Content
429	Too Many Requests <b>Headers :</b> <b>Retry-After</b> (integer) : Number in seconds to wait.	<a href="#">ErrorDescription</a>
500	Internal Server Error	<a href="#">ErrorDescription</a>

### Account Request GET response

Name	Description	Schema
<b>AccountRequestId</b> <i>required</i>	Unique identification as assigned to identify the account request resource. <b>Length : 1 - 128</b>	string
<b>Status</b> <i>optional</i>	Specifies the status of the account request resource.	enum (Authorised, AwaitingAuthorisation, Rejected, Revoked)
<b>CreationDateTime</b> <i>required</i>	Date and time at which the resource was created (in ISO 8601 format).	string (date-time)
<b>ProductIdentifiers</b> <i>optional</i>		<a href="#">ProductIdentifiers</a>
<b>Risk</b> <i>required</i>		<a href="#">Risk</a>

### Produces

- `application/json; charset=utf-8`

### Security

Type	Name	Scopes
oauth2	<a href="#">TPPSec</a>	account-info-setup

### 4.1.3. Delete an account request

```
DELETE /accounts/v1/account-requests/{AccountRequestId}
```

### Description

Delete an account request

### Parameters

Type	Name	Description	Schema
Path	<b>AccountRequestId</b> <i>required</i>	Unique identification as assigned by the ASPSP to uniquely identify the account request resource.	string
Header	<b>x-ab-bank-id</b> <i>required</i>	The unique id of the Alpha Bank to which the request is issued. Use CRBAGRAA for Alpha Bank Greece.	string
Header	<b>x-ab-lang</b> <i>optional</i>	An ISO 639-1 two letter language code. Only 'el', 'ro' and 'en' values are valid.	string
Header	<b>Authorization</b> <i>required</i>	An Authorisation Bearer Token as per <a href="https://tools.ietf.org/html/rfc6750">https://tools.ietf.org/html/rfc6750</a>	string
Header	<b>Ocp-Apim-Subscription-Key</b> <i>required</i>	The subscription key necessary to access the API endpoint	string

## Responses

HTTP Code	Description	Schema
204	Account Request resource successfully deleted <b>Headers :</b> <b>x-ab-interaction-id</b> (string) : An RFC4122 UID used as a correlation id.	No Content
400	Bad Request	<a href="#">ErrorDescription</a>
401	Unauthorized	No Content
403	Forbidden	No Content
405	Method Not Allowed	No Content
406	Not Acceptable	No Content
429	Too Many Requests <b>Headers :</b> <b>Retry-After</b> (integer) : Number in seconds to wait.	<a href="#">ErrorDescription</a>
500	Internal Server Error	<a href="#">ErrorDescription</a>

## Produces

- `application/json; charset=utf-8`

## Security

Type	Name	Scopes
oauth2	<a href="#">TPPSec</a>	account-info-setup

### 4.1.4. Get Balances

```
GET /accounts/v1/balances
```

## Description

Get balances related to all customer accounts

## Parameters

Type	Name	Description	Schema
Header	<b>x-ab-bank-id</b> <i>required</i>	The unique id of the Alpha Bank to which the request is issued. Use CRBAGRAA for Alpha Bank Greece.	string
Header	<b>x-ab-psu-last-logged</b> <i>optional</i>	The time when the PSU last logged in with the TPP. All dates in the HTTP headers are represented as RFC 7231 Full Dates.	string
Header	<b>x-ab-psu-ip</b> <i>optional</i>	The PSU's IP address if the PSU is currently logged in with the TPP.	string
Header	<b>x-ab-lang</b> <i>optional</i>	An ISO 639-1 two letter language code. Only 'el', 'ro' and 'en' values are valid.	string
Header	<b>x-ab-interaction-id</b> <i>optional</i>	An RFC4122 UID used as a correlation id.	string
Header	<b>Authorization</b> <i>required</i>	An Authorisation Bearer Token as per <a href="https://tools.ietf.org/html/rfc6750">https://tools.ietf.org/html/rfc6750</a>	string
Header	<b>Ocp-Apim-Subscription-Key</b> <i>required</i>	The subscription key necessary to access the API endpoint	string

## Responses

HTTP Code	Description	Schema
200	Balances successfully retrieved <b>Headers :</b> <b>x-ab-interaction-id</b> (string) : An RFC4122 UID used as a correlation id.	<a href="#">BalancesResponse</a>
400	Bad Request	<a href="#">ErrorDescription</a>
401	Unauthorized	No Content
403	Forbidden	No Content
405	Method Not Allowed	No Content
406	Not Acceptable	No Content
429	Too Many Requests <b>Headers :</b> <b>Retry-After</b> (integer) : Number in seconds to wait.	<a href="#">ErrorDescription</a>
500	Internal Server Error	<a href="#">ErrorDescription</a>

## Produces

- `application/json; charset=utf-8`

## Security

Type	Name	Scopes
oauth2	<a href="#">PSUSec</a>	account-info

### 4.1.5. Get All Accounts

```
GET /accounts/v1/details
```

#### Description

Get all accounts of the authenticated subscriber.

#### Parameters

Type	Name	Description	Schema
Header	<b>x-ab-bank-id</b> <i>required</i>	The unique id of the Alpha Bank to which the request is issued. Use CRBAGRAA for Alpha Bank Greece.	string
Header	<b>x-ab-psu-last-logged</b> <i>optional</i>	The time when the PSU last logged in with the TPP. All dates in the HTTP headers are represented as RFC 7231 Full Dates.	string
Header	<b>x-ab-psu-ip</b> <i>optional</i>	The PSU's IP address if the PSU is currently logged in with the TPP.	string
Header	<b>x-ab-interaction-id</b> <i>optional</i>	An RFC4122 UID used as a correlation id.	string
Header	<b>x-ab-lang</b> <i>optional</i>	An ISO 639-1 two letter language code. Only 'el', 'ro' and 'en' values are valid.	string
Header	<b>Authorization</b> <i>required</i>	An Authorisation Bearer Token as per <a href="https://tools.ietf.org/html/rfc6750">https://tools.ietf.org/html/rfc6750</a>	string
Header	<b>Ocp-Apim-Subscription-Key</b> <i>required</i>	The subscription key necessary to access the API endpoint	string

#### Responses

HTTP Code	Description	Schema
200	Account resources successfully retrieved <b>Headers :</b> <b>x-ab-interaction-id</b> (string) : An RFC4122 UID used as a correlation id.	<a href="#">AccountsResponse</a>
400	Bad Request	<a href="#">ErrorDescription</a>
401	Unauthorized	No Content
403	Forbidden	No Content
405	Method Not Allowed	No Content

HTTP Code	Description	Schema
406	Not Acceptable	No Content
429	Too Many Requests <b>Headers :</b> <b>Retry-After</b> (integer) : Number in seconds to wait.	<a href="#">ErrorDescription</a>
500	Internal Server Error	<a href="#">ErrorDescription</a>

## Produces

- `application/json; charset=utf-8`

## Security

Type	Name	Scopes
oauth2	<a href="#">PSUSec</a>	account-info

### 4.1.6. Get All Cards

```
GET /accounts/v1/details/cards
```

## Description

Get all cards of the authenticated subscriber.

## Parameters

Type	Name	Description	Schema
Header	<b>x-ab-bank-id</b> <i>required</i>	The unique id of the Alpha Bank to which the request is issued. Use CRBAGRAA for Alpha Bank Greece.	string
Header	<b>x-ab-psu-last-logged</b> <i>optional</i>	The time when the PSU last logged in with the TPP. All dates in the HTTP headers are represented as RFC 7231 Full Dates.	string
Header	<b>x-ab-psu-ip</b> <i>optional</i>	The PSU's IP address if the PSU is currently logged in with the TPP.	string
Header	<b>x-ab-interaction-id</b> <i>optional</i>	An RFC4122 UID used as a correlation id.	string
Header	<b>x-ab-lang</b> <i>optional</i>	An ISO 639-1 two letter language code. Only 'el', 'ro' and 'en' values are valid.	string
Header	<b>Authorization</b> <i>required</i>	An Authorisation Bearer Token as per <a href="https://tools.ietf.org/html/rfc6750">https://tools.ietf.org/html/rfc6750</a>	string
Header	<b>Ocp-Apim-Subscription-Key</b> <i>required</i>	The subscription key necessary to access the API endpoint	string

## Responses

HTTP Code	Description	Schema
200	Cards resources successfully retrieved <b>Headers :</b> <b>x-ab-interaction-id</b> (string) : An RFC4122 UID used as a correlation id.	<a href="#">AccountsResponse</a>
400	Bad Request	<a href="#">ErrorDescription</a>
401	Unauthorized	No Content
403	Forbidden	No Content
405	Method Not Allowed	No Content
406	Not Acceptable	No Content
429	Too Many Requests <b>Headers :</b> <b>Retry-After</b> (integer) : Number in seconds to wait.	<a href="#">ErrorDescription</a>
500	Internal Server Error	<a href="#">ErrorDescription</a>

## Produces

- `application/json; charset=utf-8`

## Security

Type	Name	Scopes
oauth2	<a href="#">PSU Sec</a>	account-info

### 4.1.7. Get All Deposit Accounts

```
GET /accounts/v1/details/deposit
```

## Description

Get all deposit accounts of the authenticated subscriber.

## Parameters

Type	Name	Description	Schema
Header	<b>x-ab-bank-id</b> <i>required</i>	The unique id of the Alpha Bank to which the request is issued. Use CRBAGRAA for Alpha Bank Greece.	string
Header	<b>x-ab-psu-last-logged</b> <i>optional</i>	The time when the PSU last logged in with the TPP. All dates in the HTTP headers are represented as RFC 7231 Full Dates.	string
Header	<b>x-ab-psu-ip</b> <i>optional</i>	The PSU's IP address if the PSU is currently logged in with the TPP.	string



Type	Name	Description	Schema
Header	<b>x-ab-interaction-id</b> <i>optional</i>	An RFC4122 UID used as a correlation id.	string
Header	<b>x-ab-lang</b> <i>optional</i>	An ISO 639-1 two letter language code. Only 'el', 'ro' and 'en' values are valid.	string
Header	<b>Authorization</b> <i>required</i>	An Authorisation Bearer Token as per <a href="https://tools.ietf.org/html/rfc6750">https://tools.ietf.org/html/rfc6750</a>	string
Header	<b>Ocp-Apim-Subscription-Key</b> <i>required</i>	The subscription key necessary to access the API endpoint	string

## Responses

HTTP Code	Description	Schema
200	Cards resources successfully retrieved <b>Headers :</b> <b>x-ab-interaction-id</b> (string) : An RFC4122 UID used as a correlation id.	<a href="#">AccountsResponse</a>
400	Bad Request	<a href="#">ErrorDescription</a>
401	Unauthorized	No Content
403	Forbidden	No Content
405	Method Not Allowed	No Content
406	Not Acceptable	No Content
429	Too Many Requests <b>Headers :</b> <b>Retry-After</b> (integer) : Number in seconds to wait.	<a href="#">ErrorDescription</a>
500	Internal Server Error	<a href="#">ErrorDescription</a>

## Produces

- `application/json; charset=utf-8`

## Security

Type	Name	Scopes
oauth2	<a href="#">PSUSec</a>	account-info

### 4.1.8. Get Account Balances

```
GET /accounts/v1/{AccountId}/balances
```

#### Description

Get balances related to an account

## Parameters

Type	Name	Description	Schema
Path	<b>AccountId</b> <i>required</i>	A unique identifier used to identify the account resource as returned by the GetAllAccounts operation.	string
Header	<b>x-ab-bank-id</b> <i>required</i>	The unique id of the Alpha Bank to which the request is issued. Use CRBAGRAA for Alpha Bank Greece.	string
Header	<b>x-ab-psu-last-logged</b> <i>optional</i>	The time when the PSU last logged in with the TPP. All dates in the HTTP headers are represented as RFC 7231 Full Dates.	string
Header	<b>x-ab-psu-ip</b> <i>optional</i>	The PSU's IP address if the PSU is currently logged in with the TPP.	string
Header	<b>x-ab-lang</b> <i>optional</i>	An ISO 639-1 two letter language code. Only 'el', 'ro' and 'en' values are valid.	string
Header	<b>x-ab-interaction-id</b> <i>optional</i>	An RFC4122 UID used as a correlation id.	string
Header	<b>Authorization</b> <i>required</i>	An Authorisation Bearer Token as per <a href="https://tools.ietf.org/html/rfc6750">https://tools.ietf.org/html/rfc6750</a>	string
Header	<b>Ocp-Apim-Subscription-Key</b> <i>required</i>	The subscription key necessary to access the API endpoint	string

## Responses

HTTP Code	Description	Schema
200	Account balances successfully retrieved <b>Headers :</b> <b>x-ab-interaction-id</b> (string) : An RFC4122 UID used as a correlation id.	<a href="#">BalancesResponse</a>
400	Bad Request	<a href="#">ErrorDescription</a>
401	Unauthorized	No Content
403	Forbidden	No Content
405	Method Not Allowed	No Content
406	Not Acceptable	No Content
429	Too Many Requests <b>Headers :</b> <b>Retry-After</b> (integer) : Number in seconds to wait.	<a href="#">ErrorDescription</a>
500	Internal Server Error	<a href="#">ErrorDescription</a>

## Produces

- `application/json; charset=utf-8`

## Security

Type	Name	Scopes
oauth2	PSUSec	account-info

### 4.1.9. Get Account Beneficiaries

```
GET /accounts/v1/{AccountId}/beneficiaries
```

#### Description

Get the beneficiaries related to an account

#### Parameters

Type	Name	Description	Schema
Path	<b>AccountId</b> <i>required</i>	A unique identifier used to identify the account resource as returned by the GetAllAccounts operation.	string
Header	<b>x-ab-bank-id</b> <i>required</i>	The unique id of the Alpha Bank to which the request is issued. Use CRBAGRAA for Alpha Bank Greece.	string
Header	<b>x-ab-psu-last-logged</b> <i>optional</i>	The time when the PSU last logged in with the TPP. All dates in the HTTP headers are represented as RFC 7231 Full Dates.	string
Header	<b>x-ab-psu-ip</b> <i>optional</i>	The PSU's IP address if the PSU is currently logged in with the TPP.	string
Header	<b>x-ab-lang</b> <i>optional</i>	An ISO 639-1 two letter language code. Only 'el', 'ro' and 'en' values are valid.	string
Header	<b>x-ab-interaction-id</b> <i>optional</i>	An RFC4122 UID used as a correlation id.	string
Header	<b>Authorization</b> <i>required</i>	An Authorisation Bearer Token as per <a href="https://tools.ietf.org/html/rfc6750">https://tools.ietf.org/html/rfc6750</a>	string
Header	<b>Ocp-Apim-Subscription-Key</b> <i>required</i>	The subscription key necessary to access the API endpoint	string

#### Responses

HTTP Code	Description	Schema
200	Account balances successfully retrieved <b>Headers :</b> <b>x-ab-interaction-id</b> (string) : An RFC4122 UID used as a correlation id.	<a href="#">Beneficiaries</a>
400	Bad Request	<a href="#">ErrorDescription</a>
401	Unauthorized	No Content

HTTP Code	Description	Schema
403	Forbidden	No Content
405	Method Not Allowed	No Content
406	Not Acceptable	No Content
429	Too Many Requests <b>Headers :</b> <b>Retry-After</b> (integer) : Number in seconds to wait.	ErrorDescription
500	Internal Server Error	ErrorDescription

## Produces

- `application/json; charset=utf-8`

## Security

Type	Name	Scopes
oauth2	PSUSec	account-info

### 4.1.10. Get Account

```
GET /accounts/v1/{AccountId}/details
```

## Description

Get an account

## Parameters

Type	Name	Description	Schema
Path	<b>AccountId</b> <i>required</i>	A unique identifier used to identify the account resource as returned by the GetAllAccounts operation.	string
Header	<b>x-ab-bank-id</b> <i>required</i>	The unique id of the Alpha Bank to which the request is issued. Use CRBAGRAA for Alpha Bank Greece.	string
Header	<b>x-ab-psu-last-logged</b> <i>optional</i>	The time when the PSU last logged in with the TPP. All dates in the HTTP headers are represented as RFC 7231 Full Dates.	string
Header	<b>x-ab-psu-ip</b> <i>optional</i>	The PSU's IP address if the PSU is currently logged in with the TPP.	string
Header	<b>x-ab-lang</b> <i>optional</i>	An ISO 639-1 two letter language code. Only 'el', 'ro' and 'en' values are valid.	string
Header	<b>x-ab-interaction-id</b> <i>optional</i>	An RFC4122 UID used as a correlation id.	string
Header	<b>Authorization</b> <i>required</i>	An Authorisation Bearer Token as per <a href="https://tools.ietf.org/html/rfc6750">https://tools.ietf.org/html/rfc6750</a>	string

Type	Name	Description	Schema
Header	<b>Ocp-Apim-Subscription-Key</b> <i>required</i>	The subscription key necessary to access the API endpoint	string

## Responses

HTTP Code	Description	Schema
200	Account resource successfully retrieved <b>Headers :</b> <b>x-ab-interaction-id</b> (string) : An RFC4122 UID used as a correlation id.	<a href="#">AccountsResponse</a>
400	Bad Request	<a href="#">ErrorDescription</a>
401	Unauthorized	No Content
403	Forbidden	No Content
405	Method Not Allowed	No Content
406	Not Acceptable	No Content
429	Too Many Requests <b>Headers :</b> <b>Retry-After</b> (integer) : Number in seconds to wait.	<a href="#">ErrorDescription</a>
500	Internal Server Error	<a href="#">ErrorDescription</a>

## Produces

- `application/json; charset=utf-8`

## Security

Type	Name	Scopes
oauth2	<a href="#">PSUSec</a>	account-info

### 4.1.11. Get account direct debits

```
GET /accounts/v1/{AccountId}/direct-debits
```

#### Description

Get the direct debits defined for the account with basic information. For detailed information about a specific direct debit there is another endpoint to obtain detailed information about a direct debit.

#### Parameters

Type	Name	Description	Schema
Path	<b>AccountId</b> <i>required</i>	A unique identifier used to identify the account resource as returned by the GetAllAccounts operation.	string
Header	<b>x-ab-bank-id</b> <i>required</i>	The unique id of the Alpha Bank to which the request is issued. Use CRBAGRAA for Alpha Bank Greece.	string
Header	<b>x-ab-psu-last-logged</b> <i>optional</i>	The time when the PSU last logged in with the TPP. All dates in the HTTP headers are represented as RFC 7231 Full Dates.	string
Header	<b>x-ab-psu-ip</b> <i>optional</i>	The PSU's IP address if the PSU is currently logged in with the TPP.	string
Header	<b>x-ab-lang</b> <i>optional</i>	An ISO 639-1 two letter language code. Only 'el', 'ro' and 'en' values are valid.	string
Header	<b>x-ab-interaction-id</b> <i>optional</i>	An RFC4122 UID used as a correlation id.	string
Header	<b>Authorization</b> <i>required</i>	An Authorisation Bearer Token as per <a href="https://tools.ietf.org/html/rfc6750">https://tools.ietf.org/html/rfc6750</a>	string
Header	<b>Ocp-Apim-Subscription-Key</b> <i>required</i>	The subscription key necessary to access the API endpoint	string

## Responses

HTTP Code	Description	Schema
200	Account direct debits successfully retrieved <b>Headers :</b> <b>x-ab-interaction-id</b> (string) : An RFC4122 UID used as a correlation id.	<a href="#">DirectDebitsBasicInfo</a>
400	Bad Request	<a href="#">ErrorDescription</a>
401	Unauthorized	No Content
403	Forbidden	No Content
405	Method Not Allowed	No Content
406	Not Acceptable	No Content
429	Too Many Requests <b>Headers :</b> <b>Retry-After</b> (integer) : Number in seconds to wait.	<a href="#">ErrorDescription</a>
500	Internal Server Error	<a href="#">ErrorDescription</a>

## Produces

- `application/json; charset=utf-8`

## Security

Type	Name	Scopes
oauth2	<a href="#">PSUSec</a>	account-info

## 4.1.12. Get account direct debit

```
GET /accounts/v1/{AccountId}/direct-debits/{DirectDebitId}
```

### Description

Get detailed information about a specific direct debit. In order to obtain a list of direct debits there is a separate endpoint which provides basic info for each direct debit.

### Parameters

Type	Name	Description	Schema
Path	<b>AccountId</b> <i>required</i>	A unique identifier used to identify the account resource as returned by the GetAllAccounts operation.	string
Path	<b>DirectDebitId</b> <i>required</i>	A unique identifier used to identify the direct debit resource.	string
Header	<b>x-ab-bank-id</b> <i>required</i>	The unique id of the Alpha Bank to which the request is issued. Use CRBAGRAA for Alpha Bank Greece.	string
Header	<b>x-ab-psu-last-logged</b> <i>optional</i>	The time when the PSU last logged in with the TPP. All dates in the HTTP headers are represented as RFC 7231 Full Dates.	string
Header	<b>x-ab-psu-ip</b> <i>optional</i>	The PSU's IP address if the PSU is currently logged in with the TPP.	string
Header	<b>x-ab-lang</b> <i>optional</i>	An ISO 639-1 two letter language code. Only 'el', 'ro' and 'en' values are valid.	string
Header	<b>x-ab-interaction-id</b> <i>optional</i>	An RFC4122 UID used as a correlation id.	string
Header	<b>Authorization</b> <i>required</i>	An Authorisation Bearer Token as per <a href="https://tools.ietf.org/html/rfc6750">https://tools.ietf.org/html/rfc6750</a>	string
Header	<b>Ocp-Apim-Subscription-Key</b> <i>required</i>	The subscription key necessary to access the API endpoint	string

### Responses

HTTP Code	Description	Schema
200	Account direct debits successfully retrieved <b>Headers :</b> <b>x-ab-interaction-id</b> (string) : An RFC4122 UID used as a correlation id.	<a href="#">DirectDebitsDetailedInfo</a>
400	Bad Request	<a href="#">ErrorDescription</a>
401	Unauthorized	No Content
403	Forbidden	No Content
405	Method Not Allowed	No Content

HTTP Code	Description	Schema
406	Not Acceptable	No Content
429	Too Many Requests <b>Headers :</b> <b>Retry-After</b> (integer) : Number in seconds to wait.	<a href="#">ErrorDescription</a>
500	Internal Server Error	<a href="#">ErrorDescription</a>

## Produces

- `application/json; charset=utf-8`

## Security

Type	Name	Scopes
oauth2	<a href="#">PSUSec</a>	account-info

### 4.1.13. Get account standing orders

```
GET /accounts/v1/{AccountId}/standing-orders
```

## Description

Get the standing orders defined for the account with basic information. For detailed information about a specific order there is another endpoint to obtain detailed information about a standing order.

## Parameters

Type	Name	Description	Schema
Path	<b>AccountId</b> <i>required</i>	A unique identifier used to identify the account resource as returned by the GetAllAccounts operation.	string
Header	<b>x-ab-bank-id</b> <i>required</i>	The unique id of the Alpha Bank to which the request is issued. Use CRBAGRAA for Alpha Bank Greece.	string
Header	<b>x-ab-psu-last-logged</b> <i>optional</i>	The time when the PSU last logged in with the TPP. All dates in the HTTP headers are represented as RFC 7231 Full Dates.	string
Header	<b>x-ab-psu-ip</b> <i>optional</i>	The PSU's IP address if the PSU is currently logged in with the TPP.	string
Header	<b>x-ab-lang</b> <i>optional</i>	An ISO 639-1 two letter language code. Only 'el', 'ro' and 'en' values are valid.	string
Header	<b>x-ab-interaction-id</b> <i>optional</i>	An RFC4122 UID used as a correlation id.	string
Header	<b>Authorization</b> <i>required</i>	An Authorisation Bearer Token as per <a href="https://tools.ietf.org/html/rfc6750">https://tools.ietf.org/html/rfc6750</a>	string



Type	Name	Description	Schema
Header	<b>Ocp-Apim-Subscription-Key</b> <i>required</i>	The subscription key necessary to access the API endpoint	string

## Responses

HTTP Code	Description	Schema
200	Account standing orders successfully retrieved <b>Headers :</b> <b>x-ab-interaction-id</b> (string) : An RFC4122 UID used as a correlation id.	<a href="#">StandingOrdersBasicInfo</a>
400	Bad Request	<a href="#">ErrorDescription</a>
401	Unauthorized	No Content
403	Forbidden	No Content
405	Method Not Allowed	No Content
406	Not Acceptable	No Content
429	Too Many Requests <b>Headers :</b> <b>Retry-After</b> (integer) : Number in seconds to wait.	<a href="#">ErrorDescription</a>
500	Internal Server Error	<a href="#">ErrorDescription</a>

## Produces

- `application/json; charset=utf-8`

## Security

Type	Name	Scopes
oauth2	<a href="#">PSUSec</a>	account-info

### 4.1.14. Get detailed information about a specific standing order

```
GET /accounts/v1/{AccountId}/standing-orders/{StandingOrderId}
```

## Description

Get detailed information about a specific standing order. In order to obtain a list of standing orders there is a separate endpoint which provides basic info for each standing order.

## Parameters

Type	Name	Description	Schema
Path	<b>AccountId</b> <i>required</i>	A unique identifier used to identify the account resource as returned by the GetAllAccounts operation.	string
Path	<b>StandingOrderId</b> <i>required</i>	A unique identifier used to identify the standing order resource.	string
Header	<b>x-ab-bank-id</b> <i>required</i>	The unique id of the Alpha Bank to which the request is issued. Use CRBAGRAA for Alpha Bank Greece.	string
Header	<b>x-ab-psu-last-logged</b> <i>optional</i>	The time when the PSU last logged in with the TPP. All dates in the HTTP headers are represented as RFC 7231 Full Dates.	string
Header	<b>x-ab-psu-ip</b> <i>optional</i>	The PSU's IP address if the PSU is currently logged in with the TPP.	string
Header	<b>x-ab-lang</b> <i>optional</i>	An ISO 639-1 two letter language code. Only 'el', 'ro' and 'en' values are valid.	string
Header	<b>x-ab-interaction-id</b> <i>optional</i>	An RFC4122 UID used as a correlation id.	string
Header	<b>Authorization</b> <i>required</i>	An Authorisation Bearer Token as per <a href="https://tools.ietf.org/html/rfc6750">https://tools.ietf.org/html/rfc6750</a>	string
Header	<b>Ocp-Apim-Subscription-Key</b> <i>required</i>	The subscription key necessary to access the API endpoint	string

## Responses

HTTP Code	Description	Schema
200	Account specific standing order successfully retrieved <b>Headers :</b> <b>x-ab-interaction-id</b> (string) : An RFC4122 UID used as a correlation id.	<a href="#">StandingOrdersBasicInfo</a>
400	Bad Request	<a href="#">ErrorDescription</a>
401	Unauthorized	No Content
403	Forbidden	No Content
405	Method Not Allowed	No Content
406	Not Acceptable	No Content
429	Too Many Requests <b>Headers :</b> <b>Retry-After</b> (integer) : Number in seconds to wait.	<a href="#">ErrorDescription</a>
500	Internal Server Error	<a href="#">ErrorDescription</a>

## Produces

- `application/json; charset=utf-8`

## Security

Type	Name	Scopes
oauth2	<a href="#">PSUSec</a>	account-info

### 4.1.15. Get Account Transactions

```
GET /accounts/v1/{AccountId}/transactions
```

#### Description

Get transactions related to an account

#### Parameters

Type	Name	Description	Schema
Path	<b>AccountId</b> <i>required</i>	A unique identifier used to identify the account resource as returned by the GetAllAccounts operation.	string
Query	<b>fromDate</b> <i>optional</i>	The UTC ISO 8601 Date Time to filter transactions (from)	string (date-time)
Query	<b>toDate</b> <i>optional</i>	The UTC ISO 8601 Date Time to filter transactions (to)	string (date-time)
Header	<b>x-ab-locator</b> <i>optional</i>	the locator value returned from previous request with same arguments	string
Header	<b>x-ab-bank-id</b> <i>required</i>	The unique id of the Alpha Bank to which the request is issued. Use CRBAGRAA for Alpha Bank Greece.	string
Header	<b>x-ab-psu-last-logged</b> <i>optional</i>	The time when the PSU last logged in with the TPP. All dates in the HTTP headers are represented as RFC 7231 Full Dates.	string
Header	<b>x-ab-psu-ip</b> <i>optional</i>	The PSU's IP address if the PSU is currently logged in with the TPP.	string
Header	<b>x-ab-lang</b> <i>optional</i>	An ISO 639-1 two letter language code. Only 'el', 'ro' and 'en' values are valid.	string
Header	<b>x-ab-interaction-id</b> <i>optional</i>	An RFC4122 UID used as a correlation id.	string
Header	<b>Authorization</b> <i>required</i>	An Authorisation Bearer Token as per <a href="https://tools.ietf.org/html/rfc6750">https://tools.ietf.org/html/rfc6750</a>	string
Header	<b>Ocp-Apim-Subscription-Key</b> <i>required</i>	The subscription key necessary to access the API endpoint	string

#### Responses

HTTP Code	Description	Schema
200	Account Transactions successfully retrieved <b>Headers :</b> <b>x-ab-interaction-id</b> (string) : An RFC4122 UID used as a correlation id.	<a href="#">TransactionsResponse</a>
400	Bad Request	<a href="#">ErrorDescription</a>
401	Unauthorized	No Content
403	Forbidden	No Content
405	Method Not Allowed	No Content
406	Not Acceptable	No Content
429	Too Many Requests <b>Headers :</b> <b>Retry-After</b> (integer) : Number in seconds to wait.	<a href="#">ErrorDescription</a>
500	Internal Server Error	<a href="#">ErrorDescription</a>

## Produces

- `application/json; charset=utf-8`

## Security

Type	Name	Scopes
oauth2	<a href="#">PSUSec</a>	account-info

## 4.2. OpenData

Offers access to Open Bank Data including Branch information, ATMs and Currency rates.

### 4.2.1. Get the list of the Bank AKPs

```
GET /open-data/v1/akps
```

## Description

Return the list of the Bank AKPs.

## Parameters

Type	Name	Description	Schema
Header	<b>x-ab-bank-id</b> <i>required</i>	The unique id of the Alpha Bank to which the request is issued. Use CRBAGRAA for Alpha Bank Greece.	string
Header	<b>x-ab-lang</b> <i>optional</i>	An ISO 639-1 two letter language code. Only 'el', 'ro' and 'en' values are valid.	string
Header	<b>Authorization</b> <i>required</i>	An Authorisation Bearer Token as per <a href="https://tools.ietf.org/html/rfc6750">https://tools.ietf.org/html/rfc6750</a>	string

Type	Name	Description	Schema
Header	<b>Ocp-Apim-Subscription-Key</b> <i>required</i>	The subscription key necessary to access the API endpoint	string

## Responses

HTTP Code	Description	Schema
200	Bank AKPs successfully retrieved	<a href="#">Bank AKPs GET response</a>
400	Bad Request	<a href="#">ErrorDescription</a>
401	Unauthorized	No Content
403	Forbidden	No Content
405	Method Not Allowed	No Content
406	Not Acceptable	No Content
429	Too Many Requests <b>Headers :</b> <b>Retry-After</b> (integer) : Number in seconds to wait.	<a href="#">ErrorDescription</a>
500	Internal Server Error	<a href="#">ErrorDescription</a>

### Bank AKPs GET response

Name	Description	Schema
<b>Id</b> <i>required</i>	Unique identification of the AKP	number
<b>Name</b> <i>required</i>	The name of the AKP	string
<b>City</b> <i>optional</i>	The City the AKP is located at	string
<b>Address</b> <i>optional</i>	The address of the AKP	string
<b>ZipCode</b> <i>optional</i>	Postal code for the AKP address <b>Maximal length : 6</b>	string
<b>IsInBranch</b> <i>optional</i>	True if the AKP is located inside a Bank Branch	boolean
<b>Lat</b> <i>optional</i>	The Latitude value of the AKP geographic location	number
<b>Lon</b> <i>optional</i>	The Longitude value of the AKP geographic location	number

## Produces

- `application/json; charset=utf-8`

## Security

Type	Name	Scopes
oauth2	<a href="#">TPPSec</a>	open-data

## 4.2.2. Get the list of the Bank ATMs

```
GET /open-data/v1/atm
```

### Description

Return the list of the Bank ATMs.

### Parameters

Type	Name	Description	Schema
Header	<b>x-ab-bank-id</b> <i>required</i>	The unique id of the Alpha Bank to which the request is issued. Use CRBAGRAA for Alpha Bank Greece.	string
Header	<b>x-ab-lang</b> <i>optional</i>	An ISO 639-1 two letter language code. Only 'el', 'ro' and 'en' values are valid.	string
Header	<b>Authorization</b> <i>required</i>	An Authorisation Bearer Token as per <a href="https://tools.ietf.org/html/rfc6750">https://tools.ietf.org/html/rfc6750</a>	string
Header	<b>Ocp-Apim-Subscription-Key</b> <i>required</i>	The subscription key necessary to access the API endpoint	string

### Responses

HTTP Code	Description	Schema
200	Bank ATMs successfully retrieved	<a href="#">Bank ATMs GET response</a>
400	Bad Request	<a href="#">ErrorDescription</a>
401	Unauthorized	No Content
403	Forbidden	No Content
405	Method Not Allowed	No Content
406	Not Acceptable	No Content
429	Too Many Requests <b>Headers :</b> <b>Retry-After</b> (integer) : Number in seconds to wait.	<a href="#">ErrorDescription</a>
500	Internal Server Error	<a href="#">ErrorDescription</a>

#### Bank ATMs GET response

Name	Description	Schema
<b>Id</b> <i>required</i>	Unique identification of the ATM	number
<b>Name</b> <i>required</i>	The name of the ATM	string
<b>City</b> <i>optional</i>	The City the ATM is located at	string

Name	Description	Schema
<b>Region</b> <i>optional</i>	The geographic region of the ATM	string
<b>Address</b> <i>optional</i>	The address of the ATM	string
<b>ZipCode</b> <i>optional</i>	Postal code for the ATM address <b>Maximal length : 6</b>	string
<b>Access</b> <i>optional</i>	Access information	string
<b>FacilityDesc</b> <i>optional</i>	Facilities description	string
<b>IsInBranch</b> <i>optional</i>	True if the ATM is located inside a Bank Branch	boolean
<b>Lat</b> <i>optional</i>	The Latitude value of the ATM geographic location	number
<b>Lon</b> <i>optional</i>	The Longitude value of the ATM geographic location	number
<b>SettlementType</b> <i>optional</i>	Description of the settlement where the ATM is located	string

## Produces

- `application/json; charset=utf-8`

## Security

Type	Name	Scopes
oauth2	TPPSec	open-data

### 4.2.3. Get the list of the Bank Branches

```
GET /open-data/v1/branches
```

## Description

Return the list of the Bank Branches.

## Parameters

Type	Name	Description	Schema
Header	<b>x-ab-bank-id</b> <i>required</i>	The unique id of the Alpha Bank to which the request is issued. Use CRBAGRAA for Alpha Bank Greece.	string
Header	<b>x-ab-lang</b> <i>optional</i>	An ISO 639-1 two letter language code. Only 'el', 'ro' and 'en' values are valid.	string
Header	<b>Authorization</b> <i>required</i>	An Authorisation Bearer Token as per <a href="https://tools.ietf.org/html/rfc6750">https://tools.ietf.org/html/rfc6750</a>	string

Type	Name	Description	Schema
Header	<b>Ocp-Apim-Subscription-Key</b> <i>required</i>	The subscription key necessary to access the API endpoint	string

## Responses

HTTP Code	Description	Schema
200	Bank Branches successfully retrieved	<a href="#">Bank Branches GET response</a>
400	Bad Request	<a href="#">ErrorDescription</a>
401	Unauthorized	No Content
403	Forbidden	No Content
405	Method Not Allowed	No Content
406	Not Acceptable	No Content
429	Too Many Requests <b>Headers :</b> <b>Retry-After</b> (integer) : Number in seconds to wait.	<a href="#">ErrorDescription</a>
500	Internal Server Error	<a href="#">ErrorDescription</a>

### Bank Branches GET response

Name	Description	Schema
<b>Id</b> <i>required</i>	Unique identification of the Branch	number
<b>Name</b> <i>required</i>	The name of the branch	string
<b>City</b> <i>optional</i>	The City the Branch is located at	string
<b>Region</b> <i>optional</i>	The geographic region of the Branch	string
<b>Country</b> <i>optional</i>	The Country the Branch is located in	string
<b>Address</b> <i>optional</i>	The address of the Branch	string
<b>AddressSuppl</b> <i>optional</i>	Supplementary address information	string
<b>ZipCode</b> <i>optional</i>	Postal code for the Branch address <b>Maximal length : 6</b>	string
<b>Phone</b> <i>optional</i>	Contact phone for the Branch	string
<b>Fax</b> <i>optional</i>	Fax number for the Branch	string
<b>Lat</b> <i>optional</i>	The Latitude value of the Branch geographic location	number
<b>Lon</b> <i>optional</i>	The Longitude value of the Branch geographic location	number



## Produces

- `application/json; charset=utf-8`

## Security

Type	Name	Scopes
oauth2	TPPSec	open-data

### 4.2.4. Get the list of the latest currency rates

```
GET /open-data/v1/rates
```

## Description

Return the list of the currency rates.

## Parameters

Type	Name	Description	Schema
Header	<b>x-ab-bank-id</b> <i>required</i>	The unique id of the Alpha Bank to which the request is issued. Use CRBAGRAA for Alpha Bank Greece.	string
Header	<b>x-ab-lang</b> <i>optional</i>	An ISO 639-1 two letter language code. Only 'el', 'ro' and 'en' values are valid.	string
Header	<b>Authorization</b> <i>required</i>	An Authorisation Bearer Token as per <a href="https://tools.ietf.org/html/rfc6750">https://tools.ietf.org/html/rfc6750</a>	string
Header	<b>Ocp-Apim-Subscription-Key</b> <i>required</i>	The subscription key necessary to access the API endpoint	string

## Responses

HTTP Code	Description	Schema
200	Currency rates successfully retrieved	<a href="#">Currency rates GET response</a>
400	Bad Request	<a href="#">ErrorDescription</a>
401	Unauthorized	No Content
403	Forbidden	No Content
405	Method Not Allowed	No Content
406	Not Acceptable	No Content
429	Too Many Requests <b>Headers :</b> <b>Retry-After</b> (integer) : Number in seconds to wait.	<a href="#">ErrorDescription</a>
500	Internal Server Error	<a href="#">ErrorDescription</a>

**Currency rates GET response**

Name	Description	Schema
<b>ExchangeRatesDate</b> <i>required</i>	The date-stamp of the last currency rates update (ISO8601)	string (date-time)
<b>ECBRatesDate</b> <i>required</i>	The date validity as of the corresponding ECB service (ISO8601)	string (date-time)
<b>Currencies</b> <i>required</i>	The list of the currency rate information object	< <a href="#">Currencies</a> > array

**Currencies**

Name	Description	Schema
<b>ISOCode</b> <i>optional</i>	the code of the currency	number
<b>Name</b> <i>optional</i>	The name of the currency	string
<b>BankNote</b> <i>optional</i>		<a href="#">CurrencyValue</a>
<b>ForeignExchange</b> <i>optional</i>		<a href="#">CurrencyValue</a>
<b>ECB</b> <i>optional</i>		<a href="#">CurrencyValue</a>

**Produces**

- `application/json; charset=utf-8`

**Security**

Type	Name	Scopes
oauth2	<a href="#">TPPSec</a>	open-data

## 4.3. Payments

This API implements the protocol which is necessary in order a transfer or payment transaction to be initiated and monitored.

### 4.3.1. Create a single domestic transfer intent object

```
POST /payments/v1/transfers/domestic
```

**Description**

Create a single domestic transfer intent object

## Parameters

Type	Name	Description	Schema
Header	<b>x-idempotency-key</b> <i>required</i>	Every request will be processed only once per x-idempotency-key. The Idempotency Key will be valid for 24 hours.	string
Header	<b>x-ab-bank-id</b> <i>required</i>	The unique id of the Alpha Bank to which the request is issued. Use CRBAGRAA for Alpha Bank Greece.	string
Header	<b>x-ab-psu-last-logged</b> <i>optional</i>	The time when the PSU last logged in with the TPP. All dates in the HTTP headers are represented as RFC 7231 Full Dates.	string
Header	<b>x-ab-psu-ip</b> <i>optional</i>	The PSU's IP address if the PSU is currently logged in with the TPP.	string
Header	<b>x-ab-interaction-id</b> <i>optional</i>	An RFC4122 UID used as a correlation id.	string
Header	<b>Authorization</b> <i>required</i>	An Authorisation Bearer Token as per <a href="https://tools.ietf.org/html/rfc6750">https://tools.ietf.org/html/rfc6750</a>	string
Header	<b>x-ab-lang</b> <i>optional</i>	An ISO 639-1 two letter language code. Only 'el', 'ro' and 'en' values are valid.	string
Header	<b>Ocp-Apim-Subscription-Key</b> <i>required</i>	The subscription key necessary to access the API endpoint	string
Body	<b>body</b> <i>required</i>	Setup a single payment/transfer creating an intent object	<a href="#">PaymentSetupRequest</a>

### PaymentSetupRequest

Name	Schema
<b>Initiation</b> <i>required</i>	<a href="#">DomesticTransferInitiation</a>
<b>Risk</b> <i>required</i>	<a href="#">Risk</a>

## Responses

HTTP Code	Description	Schema
201	Transfer setup resource successfully created <b>Headers :</b> <b>x-ab-interaction-id</b> (string) : An RFC4122 UID used as a correlation id.	<a href="#">Transfer setup POST response.</a>
400	Bad Request	<a href="#">ErrorDescription</a>
401	Unauthorized	No Content
403	Forbidden	No Content
405	Method Not Allowed	No Content
406	Not Acceptable	No Content

HTTP Code	Description	Schema
429	Too Many Requests <b>Headers :</b> <b>Retry-After</b> (integer) : Number in seconds to wait.	<a href="#">ErrorDescription</a>
500	Internal Server Error	<a href="#">ErrorDescription</a>

**Transfer setup POST response.**

Name	Description	Schema
<b>TransferRequestId</b> <i>required</i>	Unique identification to uniquely identify the transfer setup resource. <b>Length : 1 - 128</b>	string
<b>Status</b> <i>required</i>	Specifies the status of the transfer resource.	enum (Accepted, Rejected, Authorised, Revoked)
<b>CreationTimestamp</b> <i>required</i>	Date and time at which the resource was created in ISO 8601 format.	string (date-time)
<b>Initiation</b> <i>required</i>	The Initiation payload is sent by the initiating party. It is used to request movement of funds from the debtor account to a creditor.	<a href="#">DomesticTransferInitiation</a>
<b>TransferDateTime</b> <i>optional</i>	Date and time at which the transfer will take place (in ISO 8601 date-time format).	string (date-time)
<b>Risk</b> <i>required</i>	Reflection of POSTed Risk profile	<a href="#">Risk</a>

**Consumes**

- `application/json; charset=utf-8`

**Produces**

- `application/json; charset=utf-8`

**Security**

Type	Name	Scopes
oauth2	<a href="#">TPPSec</a>	payment-setup

**4.3.2. Create a domestic transfer submission**

```
POST /payments/v1/transfers/domestic/submissions
```

**Description**

Submit a previously setup domestic transfer

## Parameters

Type	Name	Description	Schema
Header	<b>x-ab-bank-id</b> <i>required</i>	The unique id of the Alpha Bank to which the request is issued. Use CRBAGRAA for Alpha Bank Greece.	string
Header	<b>x-ab-psu-last-logged</b> <i>optional</i>	The time when the PSU last logged in with the TPP. All dates in the HTTP headers are represented as RFC 7231 Full Dates.	string
Header	<b>x-ab-psu-ip</b> <i>optional</i>	The PSU's IP address if the PSU is currently logged in with the TPP.	string
Header	<b>x-ab-interaction-id</b> <i>optional</i>	An RFC4122 UID used as a correlation id.	string
Header	<b>Authorization</b> <i>required</i>	An Authorisation Bearer Token as per <a href="https://tools.ietf.org/html/rfc6750">https://tools.ietf.org/html/rfc6750</a>	string
Header	<b>Ocp-Apim-Subscription-Key</b> <i>required</i>	The subscription key necessary to access the API endpoint	string
Body	<b>body</b> <i>required</i>	Submit a single immediate domestic transfer	<a href="#">Domestic Transfer Submission POST request</a>

### Domestic Transfer Submission POST request

Name	Description	Schema
<b>TransferRequestId</b> <i>required</i>	Unique identification as assigned by the Alpha bank-end service to uniquely identify the transfer setup resource. <b>Length : 1 - 128</b>	string
<b>Initiation</b> <i>required</i>		<a href="#">DomesticTransferInitiation</a>
<b>Risk</b> <i>required</i>	Reflection of POSTed Risk profile	<a href="#">Risk</a>

## Responses

HTTP Code	Description	Schema
201	Transfer submit resource successfully created <b>Headers :</b> <b>x-ab-interaction-id</b> (string) : An RFC4122 UID used as a correlation id.	<a href="#">Domestic Transfer Submit Response</a>
400	Bad Request	<a href="#">ErrorDescription</a>
401	Unauthorized	No Content
403	Forbidden	No Content
405	Method Not Allowed	No Content
406	Not Acceptable	No Content
429	Too Many Requests <b>Headers :</b> <b>Retry-After</b> (integer) : Number in seconds to wait.	<a href="#">ErrorDescription</a>

HTTP Code	Description	Schema
500	Internal Server Error	<a href="#">ErrorDescription</a>

### Domestic Transfer Submit Response

Name	Description	Schema
<b>TransferSubmissionId</b> <i>required</i>	Unique identification as assigned by the Alpha BANK back-end service to uniquely identify the domestic transfer submission resource. <b>Length : 1 - 40</b>	string
<b>TransferRequestId</b> <i>required</i>	Unique identification as assigned by the Alpha BANK back-end service to uniquely identify the transfer setup resource. <b>Length : 1 - 128</b>	string
<b>Status</b> <i>required</i>	Specifies the status of the transfer submission resource.	enum (Accepted, Rejected)
<b>CreationDateTime</b> <i>required</i>	Date and time at which the resource was created in ISO 8601 date-time format.	string (date-time)
<b>ExecutionDate</b> <i>optional</i>	Date and time at which the transfer is set to be executed in ISO 8601 date-time format.	string (date-time)

### Consumes

- `application/json; charset=utf-8`

### Produces

- `application/json; charset=utf-8`

### Security

Type	Name	Scopes
oauth2	<a href="#">PSU Sec</a>	payment

### 4.3.3. Get a domestic transfer submission

```
GET
/payments/v1/transfers/domestic/submissions/{TransferSubmissionId}
```

### Description

Get a previously setup domestic transfer

### Parameters

Type	Name	Description	Schema
Path	<b>TransferSubmissionId</b> <i>required</i>	Unique identification as assigned by the ASPSP to uniquely identify the transfer submission resource.	string
Header	<b>x-ab-bank-id</b> <i>required</i>	The unique id of the Alpha Bank to which the request is issued. Use CRBAGRAA for Alpha Bank Greece.	string
Header	<b>x-ab-psu-last-logged</b> <i>optional</i>	The time when the PSU last logged in with the TPP. All dates in the HTTP headers are represented as RFC 7231 Full Dates.	string
Header	<b>x-ab-psu-ip</b> <i>optional</i>	The PSU's IP address if the PSU is currently logged in with the TPP.	string
Header	<b>x-ab-interaction-id</b> <i>optional</i>	An RFC4122 UID used as a correlation id.	string
Header	<b>Authorization</b> <i>required</i>	An Authorisation Bearer Token as per <a href="https://tools.ietf.org/html/rfc6750">https://tools.ietf.org/html/rfc6750</a>	string
Header	<b>Ocp-Apim-Subscription-Key</b> <i>required</i>	The subscription key necessary to access the API endpoint	string

## Responses

HTTP Code	Description	Schema
200	Transfer submit resource successfully returned <b>Headers :</b> <b>x-ab-interaction-id</b> (string) : An RFC4122 UID used as a correlation id.	<a href="#">Domestic Transfer Submit Status Response</a>
400	Bad Request	<a href="#">ErrorDescription</a>
401	Unauthorized	No Content
403	Forbidden	No Content
405	Method Not Allowed	No Content
406	Not Acceptable	No Content
429	Too Many Requests <b>Headers :</b> <b>Retry-After</b> (integer) : Number in seconds to wait.	<a href="#">ErrorDescription</a>
500	Internal Server Error	<a href="#">ErrorDescription</a>

### Domestic Transfer Submit Status Response

Name	Description	Schema
<b>TransferSubmissionId</b> <i>required</i>	Unique identification as assigned by the Alpha BANK back-end service to uniquely identify the domestic transfer submission resource. <b>Length : 1 - 40</b>	string
<b>TransferRequestId</b> <i>required</i>	Unique identification as assigned by the Alpha BANK back-end service to uniquely identify the transfer setup resource. <b>Length : 1 - 128</b>	string

Name	Description	Schema
<b>Status</b> <i>required</i>	Specifies the status of the transfer resource.	enum (Unknown, Pending, Succeeded, Failed, Canceled)
<b>CreationDateTi</b> <b>me</b> <i>required</i>	Date and time at which the resource was created in ISO 8601 date-time format.	string (date-time)
<b>ExecutionDate</b> <i>optional</i>	Date and time at which the transfer is set to be executed in ISO 8601 date-time format.	string (date-time)

## Consumes

- `application/json; charset=utf-8`

## Produces

- `application/json; charset=utf-8`

## Security

Type	Name	Scopes
oauth2	TPPSec	payment-setup

### 4.3.4. Get a domestic transfer request

```
GET /payments/v1/transfers/domestic/{TransferRequestId}
```

## Description

Return the Domestic Transfer Request intent object given its Id.

## Parameters

Type	Name	Description	Schema
<b>Path</b>	<b>TransferReques</b> <b>tId</b> <i>required</i>	Unique identification as assigned by the ASPSP to uniquely identify the transfer request resource.	string
<b>Header</b>	<b>x-ab-bank-id</b> <i>required</i>	The unique id of the Alpha Bank to which the request is issued. Use CRBAGRAA for Alpha Bank Greece.	string
<b>Header</b>	<b>x-ab-psu-last-logged</b> <i>optional</i>	The time when the PSU last logged in with the TPP. All dates in the HTTP headers are represented as RFC 7231 Full Dates.	string
<b>Header</b>	<b>x-ab-psu-ip</b> <i>optional</i>	The PSU's IP address if the PSU is currently logged in with the TPP.	string
<b>Header</b>	<b>x-ab-interaction-id</b> <i>optional</i>	An RFC4122 UID used as a correlation id.	string



Type	Name	Description	Schema
Header	<b>x-ab-lang</b> <i>optional</i>	An ISO 639-1 two letter language code. Only 'el', 'ro' and 'en' values are valid.	string
Header	<b>Authorization</b> <i>required</i>	An Authorisation Bearer Token as per <a href="https://tools.ietf.org/html/rfc6750">https://tools.ietf.org/html/rfc6750</a>	string
Header	<b>Ocp-Apim-Subscription-Key</b> <i>required</i>	The subscription key necessary to access the API endpoint	string

## Responses

HTTP Code	Description	Schema
200	Transfer Request resource successfully retrieved <b>Headers :</b> <b>x-ab-interaction-id</b> (string) : An RFC4122 UID used as a correlation id.	<a href="#">Transfer Request GET response</a>
400	Bad Request	<a href="#">ErrorDescription</a>
401	Unauthorized	No Content
403	Forbidden	No Content
405	Method Not Allowed	No Content
406	Not Acceptable	No Content
429	Too Many Requests <b>Headers :</b> <b>Retry-After</b> (integer) : Number in seconds to wait.	<a href="#">ErrorDescription</a>
500	Internal Server Error	<a href="#">ErrorDescription</a>

### Transfer Request GET response

Name	Description	Schema
<b>TransferRequestId</b> <i>required</i>	Unique identification to uniquely identify the transfer setup resource. <b>Length : 1 - 128</b>	string
<b>Status</b> <i>required</i>	Specifies the status of the transfer resource.	enum (Accepted, Authorized, Executed, Revoked, Rejected)
<b>CreationTimestamp</b> <i>required</i>	Date and time at which the resource was created in ISO 8601 format.	string (date-time)
<b>Initiation</b> <i>required</i>	The Initiation payload is sent by the initiating party. It is used to request movement of funds from the debtor account to a creditor.	<a href="#">DomesticTransferInitiation</a>
<b>Risk</b> <i>required</i>	Reflection of POSTed Risk profile	<a href="#">Risk</a>

## Produces

- `application/json; charset=utf-8`

## Security

Type	Name	Scopes
oauth2	TPPSec	payment-setup

### 4.3.5. Delete a domestic transfer request

```
DELETE /payments/v1/transfers/domestic/{TransferRequestId}
```

#### Description

Delete a domestic transfer request

#### Parameters

Type	Name	Description	Schema
Path	<b>TransferRequestId</b> <i>required</i>	Unique identification as assigned by the ASPSP to uniquely identify the transfer request resource.	string
Header	<b>x-ab-bank-id</b> <i>required</i>	The unique id of the Alpha Bank to which the request is issued. Use CRBAGRAA for Alpha Bank Greece.	string
Header	<b>x-ab-lang</b> <i>optional</i>	An ISO 639-1 two letter language code. Only 'el', 'ro' and 'en' values are valid.	string
Header	<b>Authorization</b> <i>required</i>	An Authorisation Bearer Token as per <a href="https://tools.ietf.org/html/rfc6750">https://tools.ietf.org/html/rfc6750</a>	string
Header	<b>Ocp-Apim-Subscription-Key</b> <i>required</i>	The subscription key necessary to access the API endpoint	string

#### Responses

HTTP Code	Description	Schema
204	Domestic Transfer Request resource successfully deleted <b>Headers :</b> <b>x-ab-interaction-id</b> (string) : An RFC4122 UID used as a correlation id.	No Content
400	Bad Request	<a href="#">ErrorDescription</a>
401	Unauthorized	No Content
403	Forbidden	No Content
405	Method Not Allowed	No Content
406	Not Acceptable	No Content
429	Too Many Requests <b>Headers :</b> <b>Retry-After</b> (integer) : Number in seconds to wait.	<a href="#">ErrorDescription</a>
500	Internal Server Error	<a href="#">ErrorDescription</a>

## Produces

- `application/json; charset=utf-8`

## Security

Type	Name	Scopes
oauth2	TPPSec	payment-setup

### 4.3.6. Get the payment history for defined time period

```
GET /payments/v1/transfers/history
```

## Description

Get the payment history for time period

## Parameters

Type	Name	Description	Schema
Query	<b>fromDate</b> <i>optional</i>	The UTC ISO 8601 Date Time to filter transactions (from)	string (date-time)
Query	<b>toDate</b> <i>optional</i>	The UTC ISO 8601 Date Time to filter transactions (to)	string (date-time)
Header	<b>x-ab-bank-id</b> <i>required</i>	The unique id of the Alpha Bank to which the request is issued. Use CRBAGRAA for Alpha Bank Greece.	string
Header	<b>x-ab-psu-last-logged</b> <i>optional</i>	The time when the PSU last logged in with the TPP. All dates in the HTTP headers are represented as RFC 7231 Full Dates.	string
Header	<b>x-ab-psu-ip</b> <i>optional</i>	The PSU's IP address if the PSU is currently logged in with the TPP.	string
Header	<b>x-ab-interaction-id</b> <i>optional</i>	An RFC4122 UID used as a correlation id.	string
Header	<b>Authorization</b> <i>required</i>	An Authorisation Bearer Token as per <a href="https://tools.ietf.org/html/rfc6750">https://tools.ietf.org/html/rfc6750</a>	string
Header	<b>Ocp-Apim-Subscription-Key</b> <i>required</i>	The subscription key necessary to access the API endpoint	string

## Responses

HTTP Code	Description	Schema
200	Payment history successfully retrieved <b>Headers :</b> <b>x-ab-interaction-id</b> (string) : An RFC4122 UID used as a correlation id.	< <a href="#">TransferInfo</a> > array
400	Bad Request	<a href="#">ErrorDescription</a>
401	Unauthorized	No Content
403	Forbidden	No Content
405	Method Not Allowed	No Content
406	Not Acceptable	No Content
429	Too Many Requests <b>Headers :</b> <b>Retry-After</b> (integer) : Number in seconds to wait.	<a href="#">ErrorDescription</a>
500	Internal Server Error	<a href="#">ErrorDescription</a>

## Produces

- `application/json; charset=utf-8`

## Security

Type	Name	Scopes
oauth2	<a href="#">PSUSec</a>	payment-info

### 4.3.7. Revoke the payment history access

```
DELETE /payments/v1/transfers/history
```

## Description

Revoke the payment history access

## Parameters

Type	Name	Description	Schema
Header	<b>x-ab-bank-id</b> <i>required</i>	The unique id of the Alpha Bank to which the request is issued. Use CRBAGRAA for Alpha Bank Greece.	string
Header	<b>x-ab-psu-last-logged</b> <i>optional</i>	The time when the PSU last logged in with the TPP. All dates in the HTTP headers are represented as RFC 7231 Full Dates.	string
Header	<b>x-ab-psu-ip</b> <i>optional</i>	The PSU's IP address if the PSU is currently logged in with the TPP.	string
Header	<b>x-ab-interaction-id</b> <i>optional</i>	An RFC4122 UID used as a correlation id.	string

Type	Name	Description	Schema
Header	<b>Authorization</b> <i>required</i>	An Authorisation Bearer Token as per <a href="https://tools.ietf.org/html/rfc6750">https://tools.ietf.org/html/rfc6750</a>	string
Header	<b>Ocp-Api-Subscription-Key</b> <i>required</i>	The subscription key necessary to access the API endpoint	string

## Responses

HTTP Code	Description	Schema
200	Payment history access successfully deleted	No Content
400	Bad Request	<a href="#">ErrorDescription</a>
401	Unauthorized	No Content
403	Forbidden	No Content
405	Method Not Allowed	No Content
406	Not Acceptable	No Content
429	Too Many Requests <b>Headers :</b> <b>Retry-After</b> (integer) : Number in seconds to wait.	<a href="#">ErrorDescription</a>
500	Internal Server Error	<a href="#">ErrorDescription</a>

## Produces

- `application/json; charset=utf-8`

## Security

Type	Name	Scopes
oauth2	<a href="#">PSUSec</a>	payment-info

### 4.3.8. Get the transfer submissions history for the specific Account

```
GET /payments/v1/transfers/history/{AccountId}
```

## Description

Get the transfer submissions history

## Parameters

Type	Name	Description	Schema
Path	<b>AccountId</b> <i>required</i>	A unique identifier (IBAN) used to identify the account resource.	string

Type	Name	Description	Schema
Header	<b>x-ab-bank-id</b> <i>required</i>	The unique id of the Alpha Bank to which the request is issued. Use CRBAGRAA for Alpha Bank Greece.	string
Header	<b>x-ab-psu-last-logged</b> <i>optional</i>	The time when the PSU last logged in with the TPP. All dates in the HTTP headers are represented as RFC 7231 Full Dates.	string
Header	<b>x-ab-psu-ip</b> <i>optional</i>	The PSU's IP address if the PSU is currently logged in with the TPP.	string
Header	<b>x-ab-interaction-id</b> <i>optional</i>	An RFC4122 UID used as a correlation id.	string
Header	<b>Authorization</b> <i>required</i>	An Authorisation Bearer Token as per <a href="https://tools.ietf.org/html/rfc6750">https://tools.ietf.org/html/rfc6750</a>	string
Header	<b>Ocp-Apim-Subscription-Key</b> <i>required</i>	The subscription key necessary to access the API endpoint	string

## Responses

HTTP Code	Description	Schema
200	Transfer submission history successfully retrieved <b>Headers :</b> <b>x-ab-interaction-id</b> (string) : An RFC4122 UID used as a correlation id.	< <a href="#">TransferInfo</a> > array
400	Bad Request	<a href="#">ErrorDescription</a>
401	Unauthorized	No Content
403	Forbidden	No Content
405	Method Not Allowed	No Content
406	Not Acceptable	No Content
429	Too Many Requests <b>Headers :</b> <b>Retry-After</b> (integer) : Number in seconds to wait.	<a href="#">ErrorDescription</a>
500	Internal Server Error	<a href="#">ErrorDescription</a>

## Produces

- `application/json; charset=utf-8`

## Security

Type	Name	Scopes
oauth2	<a href="#">PSUSec</a>	payment-info

### 4.3.9. Create a single international transfer intent object

POST /payments/v1/transfers/international

## Description

Create a single international transfer intent object

## Parameters

Type	Name	Description	Schema
Header	<b>x-idempotency-key</b> <i>required</i>	Every request will be processed only once per x-idempotency-key. The Idempotency Key will be valid for 24 hours.	string
Header	<b>x-ab-bank-id</b> <i>required</i>	The unique id of the Alpha Bank to which the request is issued. Use CRBAGRAA for Alpha Bank Greece.	string
Header	<b>x-ab-psu-last-logged</b> <i>optional</i>	The time when the PSU last logged in with the TPP. All dates in the HTTP headers are represented as RFC 7231 Full Dates.	string
Header	<b>x-ab-psu-ip</b> <i>optional</i>	The PSU's IP address if the PSU is currently logged in with the TPP.	string
Header	<b>x-ab-interaction-id</b> <i>optional</i>	An RFC4122 UID used as a correlation id.	string
Header	<b>Authorization</b> <i>required</i>	An Authorisation Bearer Token as per <a href="https://tools.ietf.org/html/rfc6750">https://tools.ietf.org/html/rfc6750</a>	string
Header	<b>x-ab-lang</b> <i>optional</i>	An ISO 639-1 two letter language code. Only 'el', 'ro' and 'en' values are valid.	string
Header	<b>Ocp-Apim-Subscription-Key</b> <i>required</i>	The subscription key necessary to access the API endpoint	string
Body	<b>body</b> <i>required</i>	Setup a single international transfer creating an intent object	<a href="#">InternationalTransferSetupRequest</a>

## InternationalTransferSetupRequest

Name	Schema
<b>Initiation</b> <i>required</i>	<a href="#">InternationalTransferInitiation</a>
<b>Risk</b> <i>required</i>	<a href="#">Risk</a>

## Responses

HTTP Code	Description	Schema
201	Transfer setup resource successfully created <b>Headers :</b> <b>x-ab-interaction-id</b> (string) : An RFC4122 UID used as a correlation id.	<a href="#">Transfer setup POST response.</a>

HTTP Code	Description	Schema
400	Bad Request	<a href="#">ErrorDescription</a>
401	Unauthorized	No Content
403	Forbidden	No Content
405	Method Not Allowed	No Content
406	Not Acceptable	No Content
429	Too Many Requests <b>Headers :</b> <b>Retry-After</b> (integer) : Number in seconds to wait.	<a href="#">ErrorDescription</a>
500	Internal Server Error	<a href="#">ErrorDescription</a>

**Transfer setup POST response.**

Name	Description	Schema
<b>TransferRequestId</b> <i>required</i>	Unique identification to uniquely identify the transfer setup resource. <b>Length : 1 - 128</b>	string
<b>Status</b> <i>required</i>	Specifies the status of the transfer resource.	enum (Accepted, Authorized, Executed, Revoked, Rejected)
<b>CreationTimestamp</b> <i>required</i>	Date and time at which the resource was created in ISO 8601 format.	string (date-time)
<b>Initiation</b> <i>required</i>	The Initiation payload is sent by the initiating party. It is used to request movement of funds from the debtor account to a creditor.	<a href="#">InternationalTransferInitiation</a>
<b>Risk</b> <i>required</i>	Reflection of POSTed Risk profile	<a href="#">Risk</a>

**Consumes**

- `application/json; charset=utf-8`

**Produces**

- `application/json; charset=utf-8`

**Security**

Type	Name	Scopes
oauth2	<a href="#">TPPSec</a>	payment-setup

**4.3.10. Create an international transfer submission**

```
POST /payments/v1/transfers/international/submissions
```



## Description

Submit a previously setup international transfer

## Parameters

Type	Name	Description	Schema
Header	<b>x-ab-bank-id</b> <i>required</i>	The unique id of the Alpha Bank to which the request is issued. Use CRBAGRAA for Alpha Bank Greece.	string
Header	<b>x-ab-psu-last-logged</b> <i>optional</i>	The time when the PSU last logged in with the TPP. All dates in the HTTP headers are represented as RFC 7231 Full Dates.	string
Header	<b>x-ab-psu-ip</b> <i>optional</i>	The PSU's IP address if the PSU is currently logged in with the TPP.	string
Header	<b>x-ab-interaction-id</b> <i>optional</i>	An RFC4122 UID used as a correlation id.	string
Header	<b>Authorization</b> <i>required</i>	An Authorisation Bearer Token as per <a href="https://tools.ietf.org/html/rfc6750">https://tools.ietf.org/html/rfc6750</a>	string
Header	<b>Ocp-Apim-Subscription-Key</b> <i>required</i>	The subscription key necessary to access the API endpoint	string
Body	<b>body</b> <i>required</i>	Setup a single immediate international transfer	<a href="#">International Transfer Submission POST request</a>

### International Transfer Submission POST request

Name	Description	Schema
<b>TransferRequestId</b> <i>required</i>	Unique identification as assigned by the Alpha bank-end service to uniquely identify the transfer setup resource. <b>Length : 1 - 128</b>	string
<b>Initiation</b> <i>required</i>		<a href="#">InternationalTransferInitiation</a>
<b>Risk</b> <i>required</i>	Reflection of POSTed Risk profile	<a href="#">Risk</a>

## Responses

HTTP Code	Description	Schema
201	Transfer submit resource successfully created <b>Headers :</b> <b>x-ab-interaction-id</b> (string) : An RFC4122 UID used as a correlation id.	<a href="#">International Transfer Submit Response</a>
400	Bad Request	<a href="#">ErrorDescription</a>
401	Unauthorized	No Content
403	Forbidden	No Content
405	Method Not Allowed	No Content

HTTP Code	Description	Schema
406	Not Acceptable	No Content
429	Too Many Requests <b>Headers :</b> <b>Retry-After</b> (integer) : Number in seconds to wait.	<a href="#">ErrorDescription</a>
500	Internal Server Error	<a href="#">ErrorDescription</a>

### International Transfer Submit Response

Name	Description	Schema
<b>TransferSubmissionId</b> <i>required</i>	Unique identification as assigned by the Alpha BANK back-end service to uniquely identify the domestic transfer submission resource. <b>Length : 1 - 40</b>	string
<b>TransferRequestId</b> <i>required</i>	Unique identification as assigned by the Alpha BANK back-end service to uniquely identify the transfer setup resource. <b>Length : 1 - 128</b>	string
<b>Status</b> <i>required</i>	Specifies the status of the transfer submission resource.	enum (Unknown, Pending, Succeeded, Failed, Canceled)
<b>CreationDateTime</b> <i>required</i>	Date and time at which the resource was created in ISO 8601 date-time format.	string (date-time)
<b>ExecutionDate</b> <i>required</i>	Date and time at which the transfer is set to be executed in ISO 8601 date-time format.	string (date-time)

### Consumes

- `application/json; charset=utf-8`

### Produces

- `application/json; charset=utf-8`

### Security

Type	Name	Scopes
oauth2	<a href="#">PSUSec</a>	payment

## 4.3.11. Get an international transfer submission

```
GET
/payments/v1/transfers/international/submissions/{TransferSubmissionId}
```

### Description

Get a previously setup international transfer

## Parameters

Type	Name	Description	Schema
Path	<b>TransferSubmissionId</b> <i>required</i>	Unique identification as assigned by the ASPSP to uniquely identify the transfer submission resource.	string
Header	<b>x-ab-bank-id</b> <i>required</i>	The unique id of the Alpha Bank to which the request is issued. Use CRBAGRAA for Alpha Bank Greece.	string
Header	<b>x-ab-psu-last-logged</b> <i>optional</i>	The time when the PSU last logged in with the TPP. All dates in the HTTP headers are represented as RFC 7231 Full Dates.	string
Header	<b>x-ab-psu-ip</b> <i>optional</i>	The PSU's IP address if the PSU is currently logged in with the TPP.	string
Header	<b>x-ab-interaction-id</b> <i>optional</i>	An RFC4122 UID used as a correlation id.	string
Header	<b>Authorization</b> <i>required</i>	An Authorisation Bearer Token as per <a href="https://tools.ietf.org/html/rfc6750">https://tools.ietf.org/html/rfc6750</a>	string
Header	<b>Ocp-Apim-Subscription-Key</b> <i>required</i>	The subscription key necessary to access the API endpoint	string

## Responses

HTTP Code	Description	Schema
200	Transfer submit resource successfully returned <b>Headers :</b> <b>x-ab-interaction-id</b> (string) : An RFC4122 UID used as a correlation id.	<a href="#">International Transfer Submit Status Response</a>
400	Bad Request	<a href="#">ErrorDescription</a>
401	Unauthorized	No Content
403	Forbidden	No Content
405	Method Not Allowed	No Content
406	Not Acceptable	No Content
429	Too Many Requests <b>Headers :</b> <b>Retry-After</b> (integer) : Number in seconds to wait.	<a href="#">ErrorDescription</a>
500	Internal Server Error	<a href="#">ErrorDescription</a>

### International Transfer Submit Status Response

Name	Description	Schema
<b>TransferSubmissionId</b> <i>required</i>	Unique identification as assigned by the Alpha BANK back-end service to uniquely identify the international transfer submission resource. <b>Length : 1 - 40</b>	string

Name	Description	Schema
<b>TransferRequestId</b> <i>required</i>	Unique identification as assigned by the Alpha BANK back-end service to uniquely identify the transfer setup resource. <b>Length : 1 - 128</b>	string
<b>Status</b> <i>required</i>	Specifies the status of the transfer resource.	enum (Unknown, Pending, Succeeded, Failed, Canceled)
<b>CreationDateTime</b> <i>required</i>	Date and time at which the resource was created in ISO 8601 date-time format.	string (date-time)

## Consumes

- `application/json; charset=utf-8`

## Produces

- `application/json; charset=utf-8`

## Security

Type	Name	Scopes
oauth2	TPPSec	payment-setup

### 4.3.12. Get an international transfer request

```
GET /payments/v1/transfers/international/{TransferRequestId}
```

## Description

Return the International Transfer Request intent object given its Id.

## Parameters

Type	Name	Description	Schema
<b>Path</b>	<b>TransferRequestId</b> <i>required</i>	Unique identification as assigned by the ASPSP to uniquely identify the transfer request resource.	string
<b>Header</b>	<b>x-ab-bank-id</b> <i>required</i>	The unique id of the Alpha Bank to which the request is issued. Use CRBAGRAA for Alpha Bank Greece.	string
<b>Header</b>	<b>x-ab-psu-last-logged</b> <i>optional</i>	The time when the PSU last logged in with the TPP. All dates in the HTTP headers are represented as RFC 7231 Full Dates.	string
<b>Header</b>	<b>x-ab-psu-ip</b> <i>optional</i>	The PSU's IP address if the PSU is currently logged in with the TPP.	string

Type	Name	Description	Schema
Header	<b>x-ab-interaction-id</b> <i>optional</i>	An RFC4122 UID used as a correlation id.	string
Header	<b>x-ab-lang</b> <i>optional</i>	An ISO 639-1 two letter language code. Only 'el', 'ro' and 'en' values are valid.	string
Header	<b>Authorization</b> <i>required</i>	An Authorisation Bearer Token as per <a href="https://tools.ietf.org/html/rfc6750">https://tools.ietf.org/html/rfc6750</a>	string
Header	<b>Ocp-Apim-Subscription-Key</b> <i>required</i>	The subscription key necessary to access the API endpoint	string

## Responses

HTTP Code	Description	Schema
200	Transfer Request resource successfully retrieved <b>Headers :</b> <b>x-ab-interaction-id</b> (string) : An RFC4122 UID used as a correlation id.	<a href="#">Transfer Request GET response</a>
400	Bad Request	<a href="#">ErrorDescription</a>
401	Unauthorized	No Content
403	Forbidden	No Content
405	Method Not Allowed	No Content
406	Not Acceptable	No Content
429	Too Many Requests <b>Headers :</b> <b>Retry-After</b> (integer) : Number in seconds to wait.	<a href="#">ErrorDescription</a>
500	Internal Server Error	<a href="#">ErrorDescription</a>

### Transfer Request GET response

Name	Description	Schema
<b>TransferRequestId</b> <i>required</i>	Unique identification to uniquely identify the transfer setup resource. <b>Length : 1 - 128</b>	string
<b>Status</b> <i>required</i>	Specifies the status of the transfer resource.	enum (Accepted, Authorized, Executed, Revoked, Rejected)
<b>CreationTimestamp</b> <i>required</i>	Date and time at which the resource was created in ISO 8601 format.	string (date-time)
<b>Initiation</b> <i>required</i>	The Initiation payload is sent by the initiating party. It is used to request movement of funds from the debtor account to a creditor.	<a href="#">InternationalTransferInitiation</a>
<b>Risk</b> <i>required</i>	Reflection of POSTed Risk profile	<a href="#">Risk</a>

## Produces

- `application/json; charset=utf-8`

## Security

Type	Name	Scopes
oauth2	TPPSec	payment-setup

### 4.3.13. Delete an international transfer request

```
DELETE /payments/v1/transfers/international/{TransferRequestId}
```

## Description

Delete an international transfer request

## Parameters

Type	Name	Description	Schema
Path	<b>TransferRequestId</b> <i>required</i>	Unique identification as assigned by the ASPSP to uniquely identify the transfer request resource.	string
Header	<b>x-ab-bank-id</b> <i>required</i>	The unique id of the Alpha Bank to which the request is issued. Use CRBAGRAA for Alpha Bank Greece.	string
Header	<b>x-ab-lang</b> <i>optional</i>	An ISO 639-1 two letter language code. Only 'el', 'ro' and 'en' values are valid.	string
Header	<b>Authorization</b> <i>required</i>	An Authorisation Bearer Token as per <a href="https://tools.ietf.org/html/rfc6750">https://tools.ietf.org/html/rfc6750</a>	string
Header	<b>Ocp-Apim-Subscription-Key</b> <i>required</i>	The subscription key necessary to access the API endpoint	string

## Responses

HTTP Code	Description	Schema
204	International Transfer Request resource successfully deleted <b>Headers :</b> <b>x-ab-interaction-id</b> (string) : An RFC4122 UID used as a correlation id.	No Content
400	Bad Request	<a href="#">ErrorDescription</a>
401	Unauthorized	No Content
403	Forbidden	No Content
405	Method Not Allowed	No Content
406	Not Acceptable	No Content

HTTP Code	Description	Schema
429	Too Many Requests <b>Headers :</b> <b>Retry-After</b> (integer) : Number in seconds to wait.	<a href="#">ErrorDescription</a>
500	Internal Server Error	<a href="#">ErrorDescription</a>

## Produces

- `application/json; charset=utf-8`

## Security

Type	Name	Scopes
oauth2	<a href="#">TPPSec</a>	payment-setup

## Chapter 5. Definitions

### 5.1. Account

Account

Name	Description	Schema
<b>AccountProfile</b> <i>required</i>		<a href="#">AccountProfile</a>
<b>Servicer</b> <i>required</i>	Party (member of the Alpha Bank group) that manages the account on behalf of the account owner, that it manages the registration and booking of entries on the account, calculates balances on the account and provides information about the account.	<a href="#">Servicer</a>

#### AccountProfile

Name	Description	Schema
<b>AccountId</b> <i>required</i>	A unique and immutable identifier used to identify the account resource. This id is used on any subsequent request as path variable. <b>Length</b> : 1 - 40	string
<b>AccountCode</b> <i>required</i>	An identification code for the account. The values is an IBAN (Account scheme), Card Number (Card Scheme), etc <b>Length</b> : 1 - 40	string
<b>Scheme</b> <i>required</i>	Name of the identification scheme (AccountCode scheme)	enum (NA, Account, Card, Loan, PaymentProduct)
<b>Currency</b> <i>optional</i>	Identification of the currency in which the account is held. <b>Pattern</b> : "^[A-Z]{3,3}\$"	string
<b>Alias</b> <i>optional</i>	The alias name of the account, assigned by the account owner in order to provide an additional means of identification of the account. <b>Length</b> : 1 - 50	string
<b>ProductTypeCode</b> <i>required</i>	The code of the product type for the account. <b>Length</b> : 1 - 10	string
<b>ProductTypeName</b> <i>optional</i>	The name of the product type for the account. <b>Length</b> : 1 - 100	string
<b>CategoryCode</b> <i>required</i>	The code of the account category (the account can be of saving account, loan, etc.). <b>Length</b> : 1 - 10	string
<b>CategoryName</b> <i>optional</i>	The name of the account category. <b>Length</b> : 1 - 70	string
<b>AllowDebit</b> <i>required</i>	Flag to denote if the account can be debited	boolean
<b>AllowCredit</b> <i>required</i>	Flag to denote if the account can be credited	boolean
<b>AllowPayment</b> <i>required</i>	Flag to denote if the account can be paid	boolean



Name	Description	Schema
<b>AllowPartialPayment</b> <i>required</i>	Flag to denote if the account can be partially paid	boolean
<b>AllowQuery</b> <i>required</i>	Flag to denote if the balance of the account can be acquired	boolean

### Servicer

Name	Description	Schema
<b>Identification</b> <i>required</i>	Unique and unambiguous identification of the servicing institution (BICFI) <b>Length : 1 - 35</b>	string

## 5.2. AccountBalance

Name	Description	Schema
<b>AccountId</b> <i>required</i>	A unique and immutable identifier used to identify the account resource.	string
<b>Balances</b> <i>required</i>		<a href="#">Balance</a>

## 5.3. AccountsResponse

Type : < [Account](#) > array

## 5.4. Amount

Name	Description	Schema
<b>value</b> <i>required</i>	<b>Pattern : "<code>^\d{1,13}\.\d{1,5}\$</code>"</b>	string
<b>currency</b> <i>required</i>	ISO 4217 currency code <b>Pattern : "<code>^[A-Z]{3,3}\$</code>"</b>	string

## 5.5. Balance

Name	Description	Schema
<b>Amount</b> <i>required</i>		<a href="#">Amount</a>
<b>CreditDebitIndicator</b> <i>optional</i>	if the balance is credit or debit	enum (Credit, Debit)
<b>TimeStamp</b> <i>required</i>	The date-time of the balance in ISO 8601 format	string
<b>Type</b> <i>required</i>	the type of the balance	enum (Gross, Available)
<b>CreditLine</b> <i>optional</i>	<b>Pattern : "<code>^\d{1,13}\.\d{1,5}\$</code>"</b>	string

## 5.6. BalancesResponse

Name	Description	Schema
<b>Balances</b> <i>required</i>	the balances for a set of accounts	< <a href="#">AccountBalance</a> > array

## 5.7. Beneficiaries

Type : < [Beneficiary](#) > array

## 5.8. Beneficiary

Beneficiary

Name	Description	Schema
<b>CustomerNumber</b> <i>required</i>	the customer identification number	string
<b>CustomerType</b> <i>required</i>	type of the customer	enum (Individual, Company)
<b>CompanyName</b> <i>optional</i>	Company name	string
<b>CompanyTitle</b> <i>optional</i>	Comapny title	string
<b>LastName</b> <i>optional</i>	Persons' surname	string
<b>FistName</b> <i>optional</i>	Person's name	string
<b>FatherName</b> <i>optional</i>	Person's father name	string
<b>BirthDate</b> <i>optional</i>	Person's birth date in ISO 8601 format	string
<b>Language</b> <i>optional</i>	prefered communication language	enum (en, el, ro)
<b>Nationality</b> <i>optional</i>	Nationality in ISO 3166-1 alpha-2 code	string
<b>Gender</b> <i>optional</i>	Person's sex	enum (Unknown, Male, Female, Other, NA)
<b>TaxInformation</b> <i>optional</i>	tax information data	<a href="#">TaxInformation</a>
<b>Identity</b> <i>optional</i>	person's identification document	<a href="#">Identity</a>
<b>Contacts</b> <i>optional</i>	list of contacts	< <a href="#">Contacts</a> > array
<b>Addresses</b> <i>optional</i>	list of addresses	< <a href="#">Addresses</a> > array

Name	Description	Schema
<b>BussinessActivity</b> <i>optional</i>	business activity	string
<b>CorpExpirationDate</b> <i>optional</i>	Corporate expiration date (ISO 8601 format)	string
<b>LegalEntityExpiryDate</b> <i>optional</i>	Corporate expiration date (ISO 8601 format)	string
<b>InsuranceClearanceExpiryDate</b> <i>optional</i>	Insurance Clearance Expiry Date (ISO 8601 format)	string
<b>TaxClearanceExpiryDate</b> <i>optional</i>	Tax Clearance Expiry Date (ISO 8601 format)	string

### TaxInformation

Name	Description	Schema
<b>VAT</b> <i>optional</i>	vat number	string
<b>TaxOffice</b> <i>optional</i>	tax office	string

### Identity

Name	Description	Schema
<b>Id</b> <i>optional</i>	the identification document's code	string
<b>IdType</b> <i>optional</i>	the identification type	enum (Nothing, IDCard, Passport, Other)
<b>Publisher</b> <i>optional</i>	Person's identification publisher	string
<b>PublisherCountry</b> <i>optional</i>	identification publisher's country (ISO 3166-1 alpha-2 code)	string

### Contacts

Name	Description	Schema
<b>ContactType</b> <i>optional</i>	contact type	enum (Telephone, Email, WorkPhone, PrivatePhone, Mobile)
<b>ContactValue</b> <i>optional</i>	contact value (nuber, address, tec.)	string

### Addresses

Name	Description	Schema
<b>AddressType</b> <i>optional</i>	type of the address	enum (Home, Work)
<b>Street</b> <i>optional</i>	street name	string
<b>Number</b> <i>optional</i>	the street number	string
<b>City</b> <i>optional</i>	the city name	string
<b>Country</b> <i>optional</i>	address country	string
<b>PostalCode</b> <i>optional</i>	postal code	string

## 5.9. CreditorAccount

Unambiguous identification of the account of the creditor to which a credit entry will be posted as a result of the standing order execution.

Name	Description	Schema
<b>SchemeName</b> <i>required</i>	Name of the identification scheme, in a coded form as published in an external list.	enum (NA, Account, Card, Loan, PaymentProduct)
<b>Identification</b> <i>required</i>	Identification assigned by an institution to identify an account. This identification is known by the account owner. <b>Length : 1 - 34</b>	string
<b>Name</b> <i>optional</i>	Name of the account, as assigned by the account servicing institution, in agreement with the account owner in order to provide an additional means of identification of the account. Usable only for intra-bank payments. <b>Length : 1 - 70</b>	string
<b>SecondaryIdentification</b> <i>optional</i>	Identification assigned by an institution to identify an account. This identification is known by the account owner. <b>Length : 1 - 34</b>	string

## 5.10. CurrencyValue

Name	Description	Schema
<b>Buy</b> <i>required</i>	the value to buy	number
<b>Sell</b> <i>required</i>	the value to sell	number

## 5.11. DirectDebitBasicInfo

Name	Description	Schema
<b>AccountId</b> <i>required</i>	the 'representation' Id of the associated account	string

Name	Description	Schema
<b>ProductName</b> <i>optional</i>	the name of the product	string
<b>DirectDebitId</b> <i>optional</i>	the unique id of the direct debit	string
<b>Status</b> <i>optional</i>	the status of the standing order	enum (Active, Inactive)

## 5.12. DirectDebitDetailedInfo

Name	Description	Schema
<b>DirectDebitId</b> <i>optional</i>	the unique id of the direct debit	string
<b>Name</b> <i>optional</i>	a subscriber defined descriptive name for the direct debit	string
<b>AccountId</b> <i>required</i>	the 'representation' Id of the associated account	string
<b>ProductType</b> <i>optional</i>	the type of the product to pay	string
<b>ProductName</b> <i>optional</i>	the name of the product	string
<b>Status</b> <i>optional</i>	the status of the standing order	enum (Active, Inactive)
<b>DateCreated</b> <i>optional</i>	the date the standing order was created (in ISO 8601 format)	string
<b>AmountLimit</b> <i>optional</i>		<a href="#">Amount</a>

## 5.13. DirectDebitsBasicInfo

Type : < [DirectDebitBasicInfo](#) > array

## 5.14. DirectDebitsDetailedInfo

Type : < [DirectDebitDetailedInfo](#) > array

## 5.15. DomesticTransferInitiation

Name	Description	Schema
<b>TransferType</b> <i>optional</i>	defines the type of the transfer (IRIS or not)	enum (Simple, IRIS)
<b>OurShare</b> <i>optional</i>	Share "mode".	enum (OUR, SHA)

Name	Description	Schema
<b>InstructionIdentification</b> <i>required</i>	Unique identification as assigned by an instructing party for an instructed party to unambiguously identify the instruction. Usage: the instruction identification is a point to point reference that can be used between the instructing party and the instructed party to refer to the individual instruction. It can be included in several messages related to the instruction. (ISO 20022) <b>Length : 1 - 35</b>	string
<b>EndToEndIdentification</b> <i>required</i>	Unique identification assigned by the initiating party to unambiguously identify the transaction. This identification is passed on, unchanged, throughout the entire end-to-end chain. Usage: The end-to-end identification can be used for reconciliation or to link tasks relating to the transaction. It can be included in several messages related to the transaction. (ISO 20022) <b>Length : 1 - 35</b>	string
<b>InstructedAmount</b> <i>required</i>	Amount of money to be moved between the debtor and creditor, before deduction of charges, expressed in the currency as ordered by the initiating party. Usage: This amount has to be transported unchanged through the transaction chain.	Amount
<b>DebtorAccount</b> <i>optional</i>	IBAN of the debtor account.	string
<b>CreditorAccount</b> <i>required</i>	IBAN of the creditor account.	CreditorAccount
<b>DebtorInformation</b> <i>optional</i>	Information supplied to be used by the end user	string
<b>RemittanceInformation</b> <i>optional</i>	Information supplied to enable the matching of an entry with the items that the transfer is intended to settle, such as commercial invoices in an accounts' receivable system.	RemittanceInformation

**CreditorAccount**

Name	Description	Schema
<b>AccountCode</b> <i>required</i>	The IBAN of the account	string
<b>OwnerName</b> <i>required</i>	The Name of the owner as known by the account institution	string

**RemittanceInformation**

Name	Description	Schema
<b>Unstructured</b> <i>optional</i>	Information supplied to enable the matching/reconciliation of an entry with the items that the payment is intended to settle, such as commercial invoices in an accounts' receivable system, in an unstructured form. <b>Length : 1 - 140</b>	string

Name	Description	Schema
<b>Reference</b> <i>optional</i>	Unique reference, as assigned by the creditor, to unambiguously refer to the payment transaction. Usage: If available, the initiating party should provide this reference in the structured remittance information, to enable reconciliation by the creditor upon receipt of the amount of money. If the business context requires the use of a creditor reference or a payment remit identification, and only one identifier can be passed through the end-to-end chain, the creditor's reference or payment remittance identification should be quoted in the end-to-end transaction identification. <b>Length : 1 - 35</b>	string

## 5.16. ErrorDescription

Error Description

Name	Schema
<b>errorCode</b> <i>optional</i>	number
<b>errorDescription</b> <i>optional</i>	string

## 5.17. InternationalTransferInitiation

Name	Description	Schema
<b>InstructionIdentification</b> <i>required</i>	Unique identification as assigned by an instructing party for an instructed party to unambiguously identify the instruction. Usage: the instruction identification is a point to point reference that can be used between the instructing party and the instructed party to refer to the individual instruction. It can be included in several messages related to the instruction. (ISO 20022) <b>Length : 1 - 35</b>	string
<b>EndToEndIdentification</b> <i>required</i>	Unique identification assigned by the initiating party to unambiguously identify the transaction. This identification is passed on, unchanged, throughout the entire end-to-end chain. Usage: The end-to-end identification can be used for reconciliation or to link tasks relating to the transaction. It can be included in several messages related to the transaction. (ISO 20022) <b>Length : 1 - 35</b>	string
<b>InstructedAmount</b> <i>required</i>	Amount of money to be moved between the debtor and creditor, before deduction of charges, expressed in the currency as ordered by the initiating party. Usage: This amount has to be transported unchanged through the transaction chain.	Amount
<b>DebtorAccount</b> <i>optional</i>	IBAN of the debtor account.	string
<b>CreditorAccount</b> <i>required</i>	IBAN of the creditor account.	CreditorAccount

Name	Description	Schema
<b>RemittanceInformation</b> <i>optional</i>	Information supplied to enable the matching of an entry with the items that the transfer is intended to settle, such as commercial invoices in an accounts' receivable system.	RemittanceInformation
<b>DebtorInformation</b> <i>optional</i>	Information supplied to be used by the end user	string
<b>BlockFunds</b> <i>optional</i>	Determines if the transfer amount will be blocked until the transfer execution	string
<b>BoPCode</b> <i>required</i>	Balance of Payment (BoP) code	enum (DirectInvestments, SecuritiesInvestment, Loans, Deposits, TravelServices, MailAndTelecommunications, TransportServices, EntertainmentServicesAndCulture, Insurance, DividendsAndCapitalGains, RentsForResidentsAbroad, Scholarships, CreditCards)
<b>CreditorAddresses</b> <i>required</i>	Address information corresponding to the Creditor account	string
<b>DebtorPhone</b> <i>required</i>	Contact phone	string
<b>CountryISOCode</b> <i>required</i>	The ISO Code representing the country that the Creditor's Bank is located at	string

**CreditorAccount**

Name	Description	Schema
<b>AccountCode</b> <i>required</i>	The IBAN of the account	string
<b>OwnerName</b> <i>required</i>	The Name of the owner as known by the account institution	string

**RemittanceInformation**

Name	Description	Schema
<b>Unstructured</b> <i>optional</i>	Information supplied to enable the matching/reconciliation of an entry with the items that the payment is intended to settle, such as commercial invoices in an accounts' receivable system, in an unstructured form. <b>Length : 1 - 140</b>	string



Name	Description	Schema
<b>Reference</b> <i>optional</i>	Unique reference, as assigned by the creditor, to unambiguously refer to the payment transaction. Usage: If available, the initiating party should provide this reference in the structured remittance information, to enable reconciliation by the creditor upon receipt of the amount of money. If the business context requires the use of a creditor reference or a payment remit identification, and only one identifier can be passed through the end-to-end chain, the creditor's reference or payment remittance identification should be quoted in the end-to-end transaction identification. <b>Length : 1 - 35</b>	string

## 5.18. OrderExecution

described an order execution

Name	Description	Schema
<b>Status</b> <i>optional</i>	the execution status of the order	enum (Pending, Executed)
<b>ExecutionDate</b> <i>optional</i>	the date the order is planed to be executed or already executed (in ISO 8601 format)	string
<b>Amount</b> <i>optional</i>		Amount

## 5.19. ProductIdentifier

Identifies a Bank product owned by the end user

Name	Description	Schema
<b>AccountCode</b> <i>required</i>	the global identifier of the product (e.g. IBAN, Card number)	string
<b>Scheme</b> <i>required</i>	Name of the identification scheme (AccountCode scheme)	enum (NA, Account, Card, Loan, PaymentProduct)

## 5.20. ProductIdentifiers

List of Product Identifiers

Type : < [ProductIdentifier](#) > array

## 5.21. Risk

Risk

Name	Description	Schema
<b>PaymentContextCode</b> <i>optional</i>	Specifies the payment context	enum (BillPayment, EcommerceGoods, EcommerceServices, Other, PersonToPerson)
<b>MerchantCategoryCode</b> <i>optional</i>	Category code conforms to ISO 18245, related to the type of services or goods the merchant provides for the transaction <b>Length : 3 - 4</b>	string
<b>MerchantCustomerIdentification</b> <i>optional</i>	The unique customer identifier of the PSU with the merchant. <b>Length : 1 - 70</b>	string
<b>DeliveryAddresses</b> <i>optional</i>	Information that locates and identifies a specific address, as defined by postal services or in free format text.	<a href="#">DeliveryAddress</a>

### DeliveryAddress

Name	Description	Schema
<b>AddressLine</b> <i>optional</i>	Information that locates and identifies a specific address, as defined by postal services, that is presented in free format text.	< string > array
<b>StreetName</b> <i>optional</i>	Name of a street or thoroughfare <b>Length : 1 - 70</b>	string
<b>BuildingNumber</b> <i>optional</i>	Number that identifies the position of a building on a street. <b>Length : 1 - 16</b>	string
<b>PostCode</b> <i>optional</i>	Identifier consisting of a group of letters and/or numbers that is added to a postal address to assist the sorting of mail <b>Length : 1 - 16</b>	string
<b>TownName</b> <i>required</i>	Name of a built-up area, with defined boundaries, and a local government. <b>Length : 1 - 35</b>	string
<b>CountrySubDivision</b> <i>optional</i>	Identifies a subdivision of a country, for instance state, region, county.	< string > array
<b>Country</b> <i>required</i>	Nation with its own government, occupying a particular territory. <b>Pattern : "[A-Z]{2,2}\$"</b>	string

## 5.22. StandingOrderBasicInfo

Name	Description	Schema
<b>StandingOrderId</b> <i>required</i>	the unique id of the standing order	string
<b>Name</b> <i>required</i>	a subscriber defined descriptive name for the standing order	string
<b>AccountId</b> <i>optional</i>	the 'representation' Id of the associated account	string
<b>Amount</b> <i>optional</i>		<a href="#">Amount</a>

Name	Description	Schema
<b>CreditorAccount</b> <i>required</i>		<a href="#">CreditorAccount</a>

## 5.23. StandingOrderDetailedInfo

Name	Description	Schema
<b>StandingOrderId</b> <i>required</i>	the unique id of the standing order	string
<b>Name</b> <i>required</i>	a subscriber defined descriptive name for the standing order	string
<b>AccountId</b> <i>optional</i>	the 'representation' Id of the associated account	string
<b>Status</b> <i>optional</i>	the status of the standing order	enum (Active, Inactive)
<b>DateCreated</b> <i>optional</i>	the date the standing order was created (in ISO 8601 format)	string
<b>DateStart</b> <i>optional</i>	the date from the standing order is active (in ISO 8601 format)	string
<b>DateStop</b> <i>optional</i>	the date until the standing order is active (in ISO 8601 format)	string
<b>Amount</b> <i>optional</i>		<a href="#">Amount</a>
<b>CreditorAccount</b> <i>required</i>		<a href="#">CreditorAccount</a>
<b>CreditorReason</b> <i>optional</i>	descriptive text used for the creditor to identify the relative transactions	string
<b>ExecutionPlan</b> <i>optional</i>	the definition of the periodicity of the standing order	<a href="#">ExecutionPlan</a>
<b>PreviousExecution</b> <i>optional</i>		<a href="#">OrderExecution</a>
<b>NextExecution</b> <i>optional</i>		<a href="#">OrderExecution</a>

### ExecutionPlan

Name	Description	Schema
<b>ExecutionMonthlyFrequency</b> <i>optional</i>	every how many months the standing order is executed	integer
<b>ExecutionMonthDay</b> <i>optional</i>	the day of the month the standing order is executed	integer

## 5.24. StandingOrdersBasicInfo

Type : < [StandingOrderBasicInfo](#) > array

## 5.25. StandingOrdersDetailedInfo

Type : < [StandingOrderDetailedInfo](#) > array

## 5.26. Transaction

Name	Description	Schema
<b>TransactionId</b> <i>optional</i>	Unique identifier for the transaction within an servicing institution. This identifier is both unique and immutable. <b>Length : 1 - 40</b>	string
<b>AccountId</b> <i>required</i>	A unique and immutable identifier used to identify the account resource <b>Length : 1 - 40</b>	string
<b>Scheme</b> <i>optional</i>	Name of the Account identification scheme	enum (NA, Account, Card, Loan, PaymentProduct)
<b>Amount</b> <i>required</i>	Amount of money in the cash entry.	<a href="#">Amount</a>
<b>CreditDebitIndicator</b> <i>required</i>	Indicates whether the transaction is a credit or a debit entry.	enum (Credit, Debit)
<b>OriginatorAccount</b> <i>optional</i>	The identifier of the transaction. If refers to a card transaction the value corresponds to the card number. In case of account transactions the value corresponds to the account IBAN.	string
<b>EndToEndIdentification</b> <i>optional</i>	Unique identification assigned by the initiating party to unambiguously identify the transaction. This identification is passed on, unchanged, throughout the entire end-to-end chain. Usage: The end-to-end identification can be used for reconciliation or to link tasks relating to the transaction. It can be included in several messages related to the transaction. (ISO 20022). Value is not empty when the transaction submitted through PSD2 Transfer API.	string
<b>InstructionIdentification</b> <i>optional</i>	Unique identification as assigned by an instructing party for an instructed party to unambiguously identify the instruction. Usage: the instruction identification is a point to point reference that can be used between the instructing party and the instructed party to refer to the individual instruction. It can be included in several messages related to the instruction. (ISO 20022). Value is not empty when the transaction submitted through PSD2 Transfer API.	string
<b>BookingDateTime</b> <i>required</i>	Date and time (ISO8601) when a transaction entry is posted to an account on the account servicer's books.	string (date-time)
<b>ValueDateTime</b> <i>optional</i>	Date and time (ISO8601) at which assets become available to the account owner in case of a credit entry, or cease to be available to the account owner in case of a debit entry.	string (date-time)

Name	Description	Schema
<b>TransactionInformation</b> <i>optional</i>	Further details of the transaction. This is the transaction narrative, which is unstructured text. <b>Length</b> : 1 - 500	string
<b>MerchantDetails</b> <i>optional</i>	Details of the merchant involved in the transaction. This information is applicable only for accounts of type Card.	<a href="#">MerchantDetails</a>

**Amount**

Name	Description	Schema
<b>Amount</b> <i>required</i>	<b>Pattern</b> : " <code>^\d{1,13}\.\d{1,5}\$</code> "	string
<b>Currency</b> <i>required</i>	A code allocated to a currency by a Maintenance Agency under an international identification scheme, as described in the latest edition of the international standard ISO 4217 'Codes for the representation of currencies and funds' <b>Pattern</b> : " <code>^[A-Z]{3,3}\$</code> "	string

**MerchantDetails**

Name	Description	Schema
<b>MerchantName</b> <i>optional</i>	Name by which the merchant is known. <b>Length</b> : 1 - 350	string
<b>MerchantCategoryCode</b> <i>optional</i>	Category code conform to ISO 18245, related to the type of services or goods the merchant provides for the transaction. <b>Length</b> : 3 - 4	string

## 5.27. TransactionsResponse

Type : < [TransactionsResponse](#) > array

**TransactionsResponse**

Name	Description	Schema
<b>Transactions</b> <i>required</i>	List of the transactions according to the query parameters, order by date, most recent first. The count of the transactions has a limit of 30. If more transactions are available the response returns a value in the x-ab-locator header. This value can be used for the same header in subsequent requests in order to acquire the next set of transaction entries.	< <a href="#">Transaction</a> > array

## 5.28. TransferInfo

Name	Description	Schema
<b>DateSubmitted</b> <i>optional</i>		string (date-time)
<b>TransferScope</b> <i>optional</i>	defines the type of the transfer by the means of participating institutions	enum (LOCAL, NATIONAL, INTERNATIONAL)

Name	Description	Schema
<b>OurShare</b> <i>optional</i>	Share "mode".	enum (OUR, SHA)
<b>InstructionIdentification</b> <i>optional</i>	Unique identification as assigned by an instructing party for an instructed party to unambiguously identify the instruction. Usage: the instruction identification is a point to point reference that can be used between the instructing party and the instructed party to refer to the individual instruction. It can be included in several messages related to the instruction. (ISO 20022) <b>Length : 1 - 35</b>	string
<b>EndToEndIdentification</b> <i>optional</i>	Unique identification assigned by the initiating party to unambiguously identify the transaction. This identification is passed on, unchanged, throughout the entire end-to-end chain. Usage: The end-to-end identification can be used for reconciliation or to link tasks relating to the transaction. It can be included in several messages related to the transaction. (ISO 20022) <b>Length : 1 - 35</b>	string
<b>InstructedAmount</b> <i>required</i>	Amount of money to be moved between the debtor and creditor, before deduction of charges, expressed in the currency as ordered by the initiating party. Usage: This amount has to be transported unchanged through the transaction chain.	Amount
<b>DebtorAccount</b> <i>required</i>	IBAN of the debtor account.	string
<b>CreditorAccount</b> <i>required</i>	IBAN of the creditor account.	CreditorAccount
<b>DebtorInformation</b> <i>optional</i>	Information supplied to be used by the end user	string
<b>RemittanceInformation</b> <i>optional</i>	Information supplied to enable the matching of an entry with the items that the transfer is intended to settle, such as commercial invoices in an accounts' receivable system.	RemittanceInformation

**CreditorAccount**

Name	Description	Schema
<b>AccountCode</b> <i>required</i>	The IBAN of the account	string
<b>OwnerName</b> <i>required</i>	The Name of the owner as known by the account institution	string

**RemittanceInformation**

Name	Description	Schema
<b>Unstructured</b> <i>optional</i>	Information supplied to enable the matching/reconciliation of an entry with the items that the payment is intended to settle, such as commercial invoices in an accounts' receivable system, in an unstructured form. <b>Length : 1 - 140</b>	string

Name	Description	Schema
<b>Reference</b> <i>optional</i>	Unique reference, as assigned by the creditor, to unambiguously refer to the payment transaction. Usage: If available, the initiating party should provide this reference in the structured remittance information, to enable reconciliation by the creditor upon receipt of the amount of money. If the business context requires the use of a creditor reference or a payment remit identification, and only one identifier can be passed through the end-to-end chain, the creditor's reference or payment remittance identification should be quoted in the end-to-end transaction identification. <b>Length : 1 - 35</b>	string