Account and Transaction API Specification API documentation version v1.1

API specification for Account and Transaction API Specification v1.1.0

/accounts

/accounts GET

GET

Get a list of accounts

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GET **/accounts**

Get a list of accounts

- Request
- Response

Annotations

- **oas-summary**

  ```
  "Get Account"
  ```

Headers

- **x-fapi-financial-id**: *required*(*string*)

  The unique id of the ASPSP to which the request is issued. The unique id will be issued by OB.

  Example:

  ```
  e3213dfd-435fgrd5-e4edr4
  ```

- **x-fapi-customer-last-logged-time**: *(string - default: Sun, 10 Sep 2017 19:43:31 UTC - pattern: ^(Mon|Tue|Wed|Thu|Fri|Sat|Sun), \d{2} (Jan|Feb|Mar|Apr|May|Jun|Jul|Aug|Sep|Oct|Nov|Dec) \d{4} \d{2}:\d{2}:\d{2} (GMT|UTC)$)*

  The time when the PSU last logged in with the TPP. All dates in the HTTP headers are represented as RFC 7231 Full Dates. An example is below: Sun, 10 Sep 2017 19:43:31 UTC

Example:

```
Sun, 10 Sep 2017 19:43:31 UTC
```

- **x-fapi-customer-ip-address**: *(string)*

  The PSU's IP address if the PSU is currently logged in with the TPP. It would be blank in case the PSU is not current logged in.

  Example:

  ```
  234.213.323.123
  ```

- **x-fapi-interaction-id**: *(string)*

  An RFC4122 UID used as a correlation id. This id is used to track end-to-end interaction between TPP request and response sent by the API platform. If this is passed in the request, then the response should contain the value passed in the request

  Example:

  ```
  93bac548-d2de-4546-b106-880a5018460d
  ```

- **Authorization**: *required(string)*

  An Authorization Token as per https://tools.ietf.org/html/rfc6750 , It should be an OAuth based access token obtained by using Authorization Code grant type.In the Sandbox environment for testing, a random string should be passed.

  Example:

  ```
  Bearer eyJhbGciOiJSUzI1NiIsInR5cCI6IkpXVCJ9.eyJhdWQiOlsiY
  ```

- **Accept**: *(string)*

  Determine the Content-Type that is required from the Server.

  Example:

  ```
  application/json
  ```

- **client_id**: *required(string)*

  Your Client ID provided by this portal

- **client_secret**: *required(string)*

  Your Client secret provided by this portal

HTTP status code 200

Accounts successfully retrieved

Headers

- **Content-type**: *required(string)*

  Represents the format of the payload returned in the response.

- **x-jws-signature**: *required(string)*

  Header containing a detached JWS signature of the body of the payload.

- **x-fapi-interaction-id**: *(string)*

  An RFC4122 UID used as a correlation id. This id is used to track end-to-end interaction between TPP request and response sent by the API platform. If this is passed in the request, then the response should contain the value passed in the request

Body

Media type: application/json

Type: object

Properties

- **Data**: *required(object)*

  Data

  #### Annotations

  - **oas-schema-title**

    `"Data"`

  - **Account**: *(array of object)*

    Account

    #### Annotations

    - **oas-schema-title**

      `"Account"`

    Items: items

    - **AccountId**: *required(string - minLength: 1 - maxLength: 40)*

A unique and immutable identifier used to identify the account resource. This identifier has no meaning to the account owner.

- **Currency**: *required(string - pattern: ^[A-Z]{3,3}$)*

  Identification of the currency in which the account is held. Usage: Currency should only be used in case one and the same account number covers several currencies and the initiating party needs to identify which currency needs to be used for settlement on the account.

- **Nickname**: *(string - minLength: 1 - maxLength: 70)*

  The nickname of the account, assigned by the account owner in order to provide an additional means of identification of the account.

- **Account**: *(object)*

  Provides the details to identify an account.

  - **SchemeName**: *required(one of IBAN, SortCodeAccountNumber)*

    Name of the identification scheme, in a coded form as published in an external list.

  - **Identification**: *required(string - minLength: 1 - maxLength: 34)*

    Identification assigned by an institution to identify an account. This identification is known by the account owner.

  - **Name**: *(string - minLength: 1 - maxLength: 70)*

    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. Usage: The account name is different from the account owner name. The account name is used in certain user communities to provide a means of identifying the account, in addition to the account owner's identity and the account number.

  - **SecondaryIdentification**: *(string - minLength: 1 - maxLength: 34)*

    This is secondary identification of the account, as assigned by the account servicing institution. This can be used by building societies to additionally identify accounts with a roll number (in addition to a sort code and account number combination).

- **Servicer**: *(object)*

  Party that manages the account on behalf of the account owner, that is manages the registration and booking of entries on the account, calculates balances on the account and provides information about the account.

  - **SchemeName**: *required(BICFI)*

    Name of the identification scheme, in a coded form as published in an external list.

- **Identification**: *required*(*string - minLength: 1 - maxLength: 35*)

  Unique and unambiguous identification of the servicing institution.

- **Links**: *required*(*object*)

  Links relevant to the response data result set received in the API response payload

  Annotations

  - **oas-schema-title**

    `"Links"`

  - **Self**: *required*(*string*)

    Link to the current result set

    Annotations

    - **oas-format**

      `"uri"`

  - **First**: *(string)*

    Link to the first result set

    Annotations

    - **oas-format**

      `"uri"`

  - **Prev**: *(string)*

    Link to the previous result set

    Annotations

    - **oas-format**

      `"uri"`

  - **Next**: *(string)*

    Link to the next result set

    Annotations

        - **oas-format**

          `"uri"`

    - **Last**: *(string)*

      Link to the last result set

      Annotations

        - **oas-format**

          `"uri"`

- **Meta**: *required**(object)*

  Meta Data relevant to the payload

  Annotations

    - **oas-schema-title**

      `"MetaData"`

    - **TotalPages**: *(integer)*
    - **FirstAvailableDateTime**: *(datetime)*

      All dates in the JSON payloads are represented in ISO 8601 date-time format. All date-time fields in responses must include the timezone. An example is below: 2017-04-05T10:43:07+00:00

    - **LastAvailableDateTime**: *(datetime)*

      All dates in the JSON payloads are represented in ISO 8601 date-time format. All date-time fields in responses must include the timezone. An example is below: 2017-04-05T10:43:07+00:00

Example:


```
{
  "Data": {
    "Account": [
      {
        "AccountId": "23660b73-460b-499f-ab7c-fc8f7572207c",
        "Currency": "GBP",
        "Nickname": "Deposits Account_NickName",
        "Account": {
          "SchemeName": "SortCodeAccountNumber",
          "Identification": "90154223682880"
        }
      },
      {
        "AccountId": "bc662d85-521c-439c-9fc3-8619e783c66f",
```

```
          "Currency": "GBP",
          "Nickname": "Deposits Account_NickName",
          "Account": {
            "SchemeName": "SortCodeAccountNumber",
            "Identification": "93115212345678"
          }
        },
        {
          "AccountId": "bcf218cd-286f-4ecd-a7fe-7a941c61fa97",
          "Currency": "GBP",
          "Nickname": "Deposits Account_NickName",
          "Account": {
            "SchemeName": "SortCodeAccountNumber",
            "Identification": "90154123682879"
          }
        }
      ]
    },
    "Links": {
      "Self": "/accounts"
    },
    "Meta": {
      "TotalPages": 1
    }
}
```


HTTP status code 400

Bad Request, this error is returned if the input parameters are invalid or if one or more mandatory input is missing.

HTTP status code 401

Unauthorized, this error is returned if client ID/Secret or Access token used in the request is invalid.

HTTP status code 403

Forbidden, this error is returned if access to the requested resource is not permitted.

HTTP status code 405

Method Not Allowed, this error is returned if the HTTP method used in the request is not supported.

HTTP status code 406

Not Acceptable, this error is returned when the returned content-type is different from the Accept header in the request.

HTTP status code 429

Too Many Requests, this error is returned when the number of HTTP requests exceeds the SLA limit.

Headers

- **Retry-After**: *required(integer)*

  Number in seconds to wait

HTTP status code 500

Internal Server Error, this error is returned if there is an internal error in the system.

/accounts/{AccountId} GET

GET

Get an account

×

GET /accounts/{AccountId}

Get an account

- Request
- Response

URI Parameters

- **AccountId**: *required(string)*

  A unique identifier used to identify the account resource.

Annotations

- **oas-summary**

  `"Get Account"`

Headers

- **x-fapi-financial-id**: *required(string)*

  The unique id of the ASPSP to which the request is issued. The unique id will be issued by OB.

  Example:

```
e3213dfd-435fgrd5-e4edr4
```

- **x-fapi-customer-last-logged-time**: *(string - pattern: ^(Mon|Tue|Wed|Thu|Fri|Sat|Sun), \d{2} (Jan|Feb|Mar|Apr|May|Jun|Jul|Aug|Sep|Oct|Nov|Dec) \d{4} \d{2}:\d{2}:\d{2} (GMT|UTC)$)*

  The time when the PSU last logged in with the TPP. All dates in the HTTP headers are represented as RFC 7231 Full Dates. An example is below: Sun, 10 Sep 2017 19:43:31 UTC

  Example:

  ```
  Sun, 10 Sep 2017 19:43:31 UTC
  ```

- **x-fapi-customer-ip-address**: *(string)*

  The PSU's IP address if the PSU is currently logged in with the TPP. It would be blank in case the PSU is not current logged in.

  Example:

  ```
  234.213.323.123
  ```

- **x-fapi-interaction-id**: *(string)*

  An RFC4122 UID used as a correlation id. This id is used to track end-to-end interaction between TPP request and response sent by the API platform. If this is passed in the request, then the response should contain the value passed in the request

  Example:

  ```
  93bac548-d2de-4546-b106-880a5018460d
  ```

- **Authorization**: *required(string)*

  An Authorization Token as per https://tools.ietf.org/html/rfc6750 , It should be an OAuth based access token obtained by using Authorization Code grant type. In the Sandbox environment for testing, a random string should be passed.

  Example:

  ```
  Bearer eyJhbGciOiJSUzI1NiIsInR5cCI6IkpXVCJ9.eyJhdWQiOlsiY
  ```

- **Accept**: *(string)*

  Determine the Content-Type that is required from the Server.

  Example:

  ```
  application/json
  ```

- **client_id**: *required*(*string*)

  Your Client ID provided by this portal

- **client_secret**: *required*(*string*)

  Your Client secret provided by this portal

HTTP status code 200

Account resource successfully retrieved

Headers

- **Content-type**: *required*(*string*)

  Represents the format of the payload returned in the response.

- **x-jws-signature**: *required*(*string*)

  Header containing a detached JWS signature of the body of the payload.

- **x-fapi-interaction-id**: *(string)*

  An RFC4122 UID used as a correlation id. This id is used to track end-to-end interaction between TPP request and response sent by the API platform. If this is passed in the request, then the response should contain the value passed in the request

Body

Media type: application/json

Type: object

Properties

- **Data**: *required*(*object*)

  Data

  #### Annotations

  - **oas-schema-title**

    `"Data"`

  - **Account**: *(array of object)*

    Account

Annotations

- **oas-schema-title**

  `"Account"`

Items: items

- **AccountId**: *required*(*string - minLength: 1 - maxLength: 40)*

  A unique and immutable identifier used to identify the account resource. This identifier has no meaning to the account owner.

- **Currency**: *required*(*string - pattern: ^[A-Z]{3,3}$)*

  Identification of the currency in which the account is held. Usage: Currency should only be used in case one and the same account number covers several currencies and the initiating party needs to identify which currency needs to be used for settlement on the account.

- **Nickname**: *(string - minLength: 1 - maxLength: 70)*

  The nickname of the account, assigned by the account owner in order to provide an additional means of identification of the account.

- **Account**: *(object)*

  Provides the details to identify an account.

  - **SchemeName**: *required*(*one of IBAN, SortCodeAccountNumber)*

    Name of the identification scheme, in a coded form as published in an external list.

  - **Identification**: *required*(*string - minLength: 1 - maxLength: 34)*

    Identification assigned by an institution to identify an account. This identification is known by the account owner.

  - **Name**: *(string - minLength: 1 - maxLength: 70)*

    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. Usage: The account name is different from the account owner name. The account name is used in certain user communities to provide a means of identifying the account, in addition to the account owner's identity and the account number.

  - **SecondaryIdentification**: *(string - minLength: 1 - maxLength: 34)*

    This is secondary identification of the account, as assigned by the account servicing institution. This can be used by building societies to additionally identify accounts with a roll number (in addition to a sort code and account number combination).

- **Servicer**: *(object)*

  Party that manages the account on behalf of the account owner, that is manages the registration and booking of entries on the account, calculates balances on the account and provides information about the account.

  - **SchemeName**: *required(BICFI)*

    Name of the identification scheme, in a coded form as published in an external list.

  - **Identification**: *required(string - minLength: 1 - maxLength: 35)*

    Unique and unambiguous identification of the servicing institution.

- **Links**: *required(object)*

  Links relevant to the response data result set received in the API response payload

  Annotations

  - **oas-schema-title**

    `"Links"`

  - **Self**: *required(string)*

    Link to the current result set

    Annotations

    - **oas-format**

      `"uri"`

  - **First**: *(string)*

    Link to the first result set

    Annotations

    - **oas-format**

      `"uri"`

  - **Prev**: *(string)*

    Link to the previous result set

    Annotations

        - **oas-format**

          `"uri"`

    - **Next**: *(string)*

      Link to the next result set

      Annotations

        - **oas-format**

          `"uri"`

    - **Last**: *(string)*

      Link to the last result set

      Annotations

        - **oas-format**

          `"uri"`

- **Meta**: *required(object)*

  Meta Data relevant to the payload

  Annotations

    - **oas-schema-title**

      `"MetaData"`

    - **TotalPages**: *(integer)*
    - **FirstAvailableDateTime**: *(datetime)*

      All dates in the JSON payloads are represented in ISO 8601 date-time format. All date-time fields in responses must include the timezone. An example is below: 2017-04-05T10:43:07+00:00

    - **LastAvailableDateTime**: *(datetime)*

      All dates in the JSON payloads are represented in ISO 8601 date-time format. All date-time fields in responses must include the timezone. An example is below: 2017-04-05T10:43:07+00:00

Example:

```
{
  "Data": {
```

```
    "Account": [
      {
        "AccountId": "23660b73-460b-499f-ab7c-fc8f7572207c",
        "Currency": "GBP",
        "Nickname": "Savings Account_NickName",
        "Account": {
          "SchemeName": "SortCodeAccountNumber",
          "Identification": "90154223682880"
        }
      }
    ]
  },
  "Links": {
    "Self": "/accounts/23660b73-460b-499f-ab7c-fc8f7572207c"
  },
  "Meta": {
    "TotalPages": 1
  }
}
```


HTTP status code 400

Bad Request, this error is returned if the input parameters are invalid or if one or more mandatory input is missing.

HTTP status code 401

Unauthorized, this error is returned if client ID/Secret or Access token used in the request is invalid.

HTTP status code 403

Forbidden, this error is returned if access to the requested resource is not permitted.

HTTP status code 405

Method Not Allowed, this error is returned if the HTTP method used in the request is not supported.

HTTP status code 406

Not Acceptable, this error is returned when the returned content-type is different from the Accept header in the request.

HTTP status code 429

Too Many Requests, this error is returned when the number of HTTP requests exceeds the SLA limit.

Headers

- **Retry-After**: *required(integer)*

  Number in seconds to wait

HTTP status code 500

Internal Server Error, this error is returned if there is an internal error in the system.

/accounts/{AccountId}/balances GET

GET

Get Balances related to an account

×

GET /accounts/{AccountId}/balances

Get Balances related to an account

- Request
- Response

URI Parameters

- **AccountId**: *required(string)*

  A unique identifier used to identify the account resource.

Annotations

- **oas-summary**

  ```
  "Get Account Balances"
  ```

Headers

- **x-fapi-financial-id**: *required(string)*

  The unique id of the ASPSP to which the request is issued. The unique id will be issued by OB.

  Example:

  ```
  e3213dfd-435fgrd5-e4edr4
  ```

- **x-fapi-customer-last-logged-time**: *(string - pattern: ^(Mon|Tue|Wed|Thu|Fri|Sat|Sun), \d{2}*

(Jan|Feb|Mar|Apr|May|Jun|Jul|Aug|Sep|Oct|Nov|Dec) \d{4} \d{2}:\d{2}:\d{2} (GMT|UTC)$)

The time when the PSU last logged in with the TPP. All dates in the HTTP headers are represented as RFC 7231 Full Dates. An example is below: Sun, 10 Sep 2017 19:43:31 UTC

Example:

```
Sun, 10 Sep 2017 19:43:31 UTC
```

- **x-fapi-customer-ip-address**: *(string)*

  The PSU's IP address if the PSU is currently logged in with the TPP. It would be blank in case the PSU is not current logged in.

  Example:

  ```
  234.213.323.123
  ```

- **x-fapi-interaction-id**: *(string)*

  An RFC4122 UID used as a correlation id. This id is used to track end-to-end interaction between TPP request and response sent by the API platform. If this is passed in the request, then the response should contain the value passed in the request

  Example:

  ```
  93bac548-d2de-4546-b106-880a5018460d
  ```

- **Authorization**: *required(string)*

  An Authorization Token as per https://tools.ietf.org/html/rfc6750 , It should be an OAuth based access token obtained by using Authorization Code grant type. In the Sandbox environment for testing, a random string should be passed.

  Example:

  ```
  Bearer eyJhbGciOiJSUzI1NiIsInR5cCI6IkpXVCJ9.eyJhdWQiOlsiY
  ```

- **Accept**: *(string)*

  Determine the Content-Type that is required from the Server.

  Example:

  ```
  application/json
  ```

- **client_id**: *required(string)*

  Your Client ID provided by this portal

- **client_secret**: *required*(*string*)

  Your Client secret provided by this portal

HTTP status code 200

Account Beneficiaries successfully retrieved

Headers

- **Content-type**: *required*(*string*)

  Represents the format of the payload returned in the response.

- **x-jws-signature**: *required*(*string*)

  Header containing a detached JWS signature of the body of the payload.

- **x-fapi-interaction-id**: *(string)*

  An RFC4122 UID used as a correlation id. This id is used to track end-to-end interaction between TPP request and response sent by the API platform. If this is passed in the request, then the response should contain the value passed in the request

Body

Media type: application/json

Type: object

Properties

- **Data**: *required*(*object*)

  Data

  #### Annotations

  - **oas-schema-title**

    `"Data"`

  - **Balance**: *(array of object - minItems: 1)*

    Balance

    #### Annotations

    - **oas-schema-title**

"Balance"

Items: items

- **AccountId**: *required(string - minLength: 1 - maxLength: 40)*

  A unique and immutable identifier used to identify the account resource. This identifier has no meaning to the account owner.

- **Amount**: *required(object)*

  Amount of money of the cash balance.

  - **Amount**: *required(string - pattern: ^\d{1,13}\.\d{1,5}$)*
  - **Currency**: *required(string - pattern: ^[A-Z]{3,3}$)*

    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'

- **CreditDebitIndicator**: *required(one of Credit, Debit)*

  Indicates whether the balance is a credit or a debit balance. Usage: A zero balance is considered to be a credit balance.

- **Type**: *required(one of ClosingAvailable, ClosingBooked, Expected, ForwardAvailable, Information, InterimAvailable, InterimBooked, OpeningAvailable, OpeningBooked, PreviouslyClosedBooked)*

  Balance type, in a coded form.

- **DateTime**: *required(datetime)*

  Indicates the date (and time) of the balance. All dates in the JSON payloads are represented in ISO 8601 date-time format. All date-time fields in responses must include the timezone. An example is below: 2017-04-05T10:43:07+00:00

- **CreditLine**: *(array of object)*

  Items: items

  - **Included**: *required(boolean)*

    Indicates whether or not the credit line is included in the balance of the account. Usage: If not present, credit line is not included in the balance amount of the account.

  - **Amount**: *(object)*

    Active Or Historic Currency Code and Amount

    - **Amount**: *required(string - pattern: ^\d{1,13}\.\d{1,5}$)*
    - **Currency**: *required(string - pattern: ^[A-Z]{3,3}$)*

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'

- **Type**: *(one of Pre-Agreed, Emergency, Temporary)*

  Limit type, in a coded form.

- **Links**: *required(object)*

  Links relevant to the response data result set received in the API response payload

  Annotations

  - **oas-schema-title**

    `"Links"`

  - **Self**: *required(string)*

    Link to the current result set

    Annotations

    - **oas-format**

      `"uri"`

  - **First**: *(string)*

    Link to the first result set

    Annotations

    - **oas-format**

      `"uri"`

  - **Prev**: *(string)*

    Link to the previous result set

    Annotations

    - **oas-format**

      `"uri"`

- **Next**: *(string)*

  Link to the next result set

  Annotations

  - **oas-format**

    ```
    "uri"
    ```

- **Last**: *(string)*

  Link to the last result set

  Annotations

  - **oas-format**

    ```
    "uri"
    ```

- **Meta**: *required(object)*

  Meta Data relevant to the payload

  Annotations

  - **oas-schema-title**

    ```
    "MetaData"
    ```

  - **TotalPages**: *(integer)*
  - **FirstAvailableDateTime**: *(datetime)*

    All dates in the JSON payloads are represented in ISO 8601 date-time format. All date-time fields in responses must include the timezone. An example is below: 2017-04-05T10:43:07+00:00

  - **LastAvailableDateTime**: *(datetime)*

    All dates in the JSON payloads are represented in ISO 8601 date-time format. All date-time fields in responses must include the timezone. An example is below: 2017-04-05T10:43:07+00:00

Example:

```
{
  "Data": {
    "Balance": [
      {
        "AccountId": "23660b73-460b-499f-ab7c-fc8f7572207c",
        "Amount": {
```

```
            "Amount": "100.0",
            "Currency": "GBP"
          },
          "CreditDebitIndicator": "Credit",
          "Type": "Expected",
          "DateTime": "2017-11-25T00:00:00+00:00"
        }
      ]
    },
    "Links": {
      "Self": "/accounts/23660b73-460b-499f-ab7c-fc8f7572207c/balances"
    },
    "Meta": {
      "TotalPages": 1
    }
  }
```


HTTP status code 400

Bad Request, this error is returned if the input parameters are invalid or if one or more mandatory input is missing.

HTTP status code 401

Unauthorized, This error is returned if client ID/Secret or Access token used in the request is invalid.

HTTP status code 403

Forbidden, this error is returned if access to the requested resource is not permitted.

HTTP status code 405

Method Not Allowed, this error is returned if the HTTP method used in the request is not supported.

HTTP status code 406

Not Acceptable, this error is returned when the returned content-type is different from the Accept header in the request.

HTTP status code 429

Too Many Requests, this error is returned when the number of HTTP requests exceeds the SLA limit.

Headers

- **Retry-After**: *required(integer)*

Number in seconds to wait

HTTP status code 500

Internal Server Error, this error is returned if there is an internal error in the system.

/accounts/{AccountId}/beneficiaries GET

GET

Get Beneficiaries associated with the customer.

×

GET /accounts/{AccountId}/beneficiaries

Get Beneficiaries associated with the customer.

- Request
- Response

URI Parameters

- **AccountId**: *required(string)*

  A unique identifier used to identify the account resource.

Annotations

- **oas-summary**

  ```
  "Get Account Beneficiaries"
  ```

Headers

- **x-fapi-financial-id**: *required(string)*

  The unique id of the ASPSP to which the request is issued. The unique id will be issued by OB.

  Example:

  ```
  e3213dfd-435fgrd5-e4edr4
  ```

- **x-fapi-customer-last-logged-time**: *(string - pattern: ^(Mon|Tue|Wed|Thu|Fri|Sat|Sun), \d{2} (Jan|Feb|Mar|Apr|May|Jun|Jul|Aug|Sep|Oct|Nov|Dec) \d{4} \d{2}:\d{2}:\d{2} (GMT|UTC)$)*

The time when the PSU last logged in with the TPP. All dates in the HTTP headers are represented as RFC 7231 Full Dates. An example is below: Sun, 10 Sep 2017 19:43:31 UTC

Example:

```
Sun, 10 Sep 2017 19:43:31 UTC
```

- **x-fapi-customer-ip-address**: *(string)*

  The PSU's IP address if the PSU is currently logged in with the TPP. It would be blank in case the PSU is not current logged in.

  Example:

  ```
  234.213.323.123
  ```

- **x-fapi-interaction-id**: *(string)*

  An RFC4122 UID used as a correlation id. This id is used to track end-to-end interaction between TPP request and response sent by the API platform. If this is passed in the request, then the response should contain the value passed in the request

  Example:

  ```
  93bac548-d2de-4546-b106-880a5018460d
  ```

- **Authorization**: *required(string)*

  An Authorization Token as per https://tools.ietf.org/html/rfc6750 , It should be an OAuth based access token obtained by using Authorization Code grant type. In the Sandbox environment for testing, a random string should be passed.

  Example:

  ```
  Bearer eyJhbGciOiJSUzI1NiIsInR5cCI6IkpXVCJ9.eyJhdWQiOlsiY
  ```

- **Accept**: *(string)*

  Determine the Content-Type that is required from the Server.

  Example:

  ```
  application/json
  ```

- **client_id**: *required(string)*

  Your Client ID provided by this portal

- **client_secret**: *required(string)*

Your Client secret provided by this portal

HTTP status code 200

Account Beneficiaries successfully retrieved

Headers

- **Content-type**: *required*(*string*)

  Represents the format of the payload returned in the response.

- **x-jws-signature**: *required*(*string*)

  Header containing a detached JWS signature of the body of the payload.

- **x-fapi-interaction-id**: *(string)*

  An RFC4122 UID used as a correlation id. This id is used to track end-to-end interaction between TPP request and response sent by the API platform. If this is passed in the request, then the response should contain the value passed in the request

Body

Media type: application/json

Type: object

Properties

- **Data**: *required*(*object*)

  Data

  Annotations

  - **oas-schema-title**

    `"Data"`

  - **Beneficiary**: *(array of object)*

    Beneficiary

    Annotations

    - **oas-schema-title**

      `"Beneficiary"`

Items: items

- **AccountId**: *(string - minLength: 1 - maxLength: 40)*

  A unique and immutable identifier used to identify the account resource. This identifier has no meaning to the account owner.

- **BeneficiaryId**: *(string - minLength: 1 - maxLength: 40)*

  A unique and immutable identifier used to identify the beneficiary resource. This identifier has no meaning to the account owner.

- **Reference**: *(string - minLength: 1 - maxLength: 35)*

  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.

- **Servicer**: *(object)*

  Party that manages the account on behalf of the account owner, that is manages the registration and booking of entries on the account, calculates balances on the account and provides information about the account. This is the servicer of the beneficiary account.

  - **SchemeName**: *required(BICFI)*

    Name of the identification scheme, in a coded form as published in an external list.

  - **Identification**: *required(string - minLength: 1 - maxLength: 35)*

    Unique and unambiguous identification of the servicing institution.

- **CreditorAccount**: *(object)*

  Provides the details to identify the beneficiary account.

  - **SchemeName**: *required(one of IBAN, SortCodeAccountNumber)*

    Name of the identification scheme, in a coded form as published in an external list.

  - **Identification**: *required(string - minLength: 1 - maxLength: 34)*

    Identification assigned by an institution to identify an account. This identification is known by the account owner.

  - **Name**: *(string - minLength: 1 - maxLength: 70)*

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. Usage: The account name is different from the account owner name. The account name is used in certain user communities to provide a means of identifying the account, in addition to the account owner's identity and the account number.

- **SecondaryIdentification**: *(string - minLength: 1 - maxLength: 34)*

  This is secondary identification of the account, as assigned by the account servicing institution. This can be used by building societies to additionally identify accounts with a roll number (in addition to a sort code and account number combination).

- **Links**: *required(object)*

  Links relevant to the response data result set received in the API response payload

  Annotations

  - **oas-schema-title**

    `"Links"`

  - **Self**: *required(string)*

    Link to the current result set

    Annotations

    - **oas-format**

      `"uri"`

  - **First**: *(string)*

    Link to the first result set

    Annotations

    - **oas-format**

      `"uri"`

  - **Prev**: *(string)*

    Link to the previous result set

    Annotations

    - **oas-format**

```
"uri"
```

- **Next**: *(string)*

  Link to the next result set

  Annotations

  - **oas-format**

    ```
    "uri"
    ```

- **Last**: *(string)*

  Link to the last result set

  Annotations

  - **oas-format**

    ```
    "uri"
    ```

- **Meta**: *required(object)*

  Meta Data relevant to the payload

  Annotations

  - **oas-schema-title**

    ```
    "MetaData"
    ```

  - **TotalPages**: *(integer)*
  - **FirstAvailableDateTime**: *(datetime)*

    All dates in the JSON payloads are represented in ISO 8601 date-time format. All date-time fields in responses must include the timezone. An example is below: 2017-04-05T10:43:07+00:00

  - **LastAvailableDateTime**: *(datetime)*

    All dates in the JSON payloads are represented in ISO 8601 date-time format. All date-time fields in responses must include the timezone. An example is below: 2017-04-05T10:43:07+00:00

Example:

```
{
  "Data": {
    "Beneficiary": [
      {
```

```
        "AccountId": "23660b73-460b-499f-ab7c-fc8f7572207c",
        "BeneficiaryId": "Ben1",
        "Reference": "Towbar Club",
        "CreditorAccount": {
          "SchemeName": "SortCodeAccountNumber",
          "Identification": "80200112345678",
          "Name": "Mrs Juniper"
        }
      }
    ]
  },
  "Links": {
    "Self": "/accounts/23660b73-460b-499f-ab7c-
fc8f7572207c/beneficiaries/"
  },
  "Meta": {
    "TotalPages": 1
  }
}
```


HTTP status code 400

Bad Request, this error is returned if the input parameters are invalid or if one or more mandatory input is missing.

HTTP status code 401

Unauthorized, This error is returned if client ID/Secret or Access token used in the request is invalid.

HTTP status code 403

Forbidden, this error is returned if access to the requested resource is not permitted.

HTTP status code 405

Method Not Allowed, this error is returned if the HTTP method used in the request is not supported.

HTTP status code 406

Not Acceptable, this error is returned when the returned content-type is different from the Accept header in the request.

HTTP status code 429

Too Many Requests

Headers

- **Retry-After**: *required(integer)*

  Number in seconds to wait

HTTP status code 500

Too Many Requests, this error is returned when the number of HTTP requests exceeds the SLA limit.

/accounts/{AccountId}/direct-debits GET

GET

Get Direct Debits related to an account

×

GET /accounts/{AccountId}/direct-debits

Get Direct Debits related to an account

- Request
- Response

URI Parameters

- **AccountId**: *required(string)*

  A unique identifier used to identify the account resource.

Annotations

- **oas-summary**

  ```
  "Get Account Direct Debits"
  ```

Headers

- **x-fapi-financial-id**: *required(string)*

  The unique id of the ASPSP to which the request is issued. The unique id will be issued by OB.

  Example:

  ```
  e3213dfd-435fgrd5-e4edr4
  ```

- **x-fapi-customer-last-logged-time**: *(string - pattern: ^(Mon|Tue|Wed|Thu|Fri|Sat|Sun), \d{2}*

(Jan|Feb|Mar|Apr|May|Jun|Jul|Aug|Sep|Oct|Nov|Dec) \d{4} \d{2}:\d{2}:\d{2} (GMT|UTC)$)

The time when the PSU last logged in with the TPP. All dates in the HTTP headers are represented as RFC 7231 Full Dates. An example is below: Sun, 10 Sep 2017 19:43:31 UTC

Example:

```
Sun, 10 Sep 2017 19:43:31 UTC
```

- **x-fapi-customer-ip-address**: *(string)*

  The PSU's IP address if the PSU is currently logged in with the TPP. It would be blank in case the PSU is not current logged in.

  Example:

  ```
  234.213.323.123
  ```

- **x-fapi-interaction-id**: *(string)*

  An RFC4122 UID used as a correlation id. This id is used to track end-to-end interaction between TPP request and response sent by the API platform. If this is passed in the request, then the response should contain the value passed in the request

  Example:

  ```
  93bac548-d2de-4546-b106-880a5018460d
  ```

- **Authorization**: *required(string)*

  An Authorization Token as per https://tools.ietf.org/html/rfc6750 , It should be an OAuth based access token obtained by using Authorization Code grant type. In the Sandbox environment for testing, a random string should be passed.

  Example:

  ```
  Bearer eyJhbGciOiJSUzI1NiIsInR5cCI6IkpXVCJ9.eyJhdWQiOlsiY
  ```

- **Accept**: *(string)*

  Determine the Content-Type that is required from the Server.

  Example:

  ```
  application/json
  ```

- **client_id**: *required(string)*

  Your Client ID provided by this portal

- **client_secret**: *required(string)*

  Your Client secret provided by this portal

HTTP status code 200

Account Direct Debits successfully retrieved

Headers

- **Content-type**: *required(string)*

  Represents the format of the payload returned in the response.

- **x-jws-signature**: *required(string)*

  Header containing a detached JWS signature of the body of the payload.

- **x-fapi-interaction-id**: *(string)*

  An RFC4122 UID used as a correlation id. This id is used to track end-to-end interaction between TPP request and response sent by the API platform. If this is passed in the request, then the response should contain the value passed in the request

Body

Media type: application/json

Type: object

Properties

- **Data**: *required(object)*

  Data

  #### Annotations

  - **oas-schema-title**

    `"Data"`

  - **DirectDebit**: *(array of object)*

    DirectDebit

    #### Annotations

    - **oas-schema-title**

```
"DirectDebit"
```

Items: items

- **AccountId**: *required*(*string - minLength: 1 - maxLength: 40*)

  A unique and immutable identifier used to identify the account resource. This identifier has no meaning to the account owner.

- **DirectDebitId**: (*string - minLength: 1 - maxLength: 40*)

  A unique and immutable identifier used to identify the direct debit resource. This identifier has no meaning to the account owner.

- **MandateIdentification**: *required*(*string - minLength: 1 - maxLength: 35*)

  Direct Debit reference. For AUDDIS service users provide Core Reference. For non AUDDIS service users provide Core reference if possible or last used reference.

- **DirectDebitStatusCode**: (*one of Active, Inactive*)

  Specifies the status of the direct debit in code form.

- **Name**: *required*(*string - minLength: 1 - maxLength: 70*)

  Name of Service User

- **PreviousPaymentDateTime**: (*datetime*)

  Date of most recent direct debit collection. All dates in the JSON payloads are represented in ISO 8601 date-time format. All date-time fields in responses must include the timezone. An example is below: 2017-04-05T10:43:07+00:00

- **PreviousPaymentAmount**: (*object*)

  The amount of the most recent direct debit collection.

  - **Amount**: *required*(*string - pattern: ^\d{1,13}\.\d{1,5}$*)
  - **Currency**: *required*(*string - pattern: ^[A-Z]{3,3}$*)

    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'

- **Links**: *required*(*object*)

  Links relevant to the response data result set received in the API response payload

  Annotations

  - **oas-schema-title**

`"Links"`

- **Self**: *required*(*string*)

  Link to the current result set

  Annotations

  - **oas-format**

    `"uri"`

- **First**: *(string)*

  Link to the first result set

  Annotations

  - **oas-format**

    `"uri"`

- **Prev**: *(string)*

  Link to the previous result set

  Annotations

  - **oas-format**

    `"uri"`

- **Next**: *(string)*

  Link to the next result set

  Annotations

  - **oas-format**

    `"uri"`

- **Last**: *(string)*

  Link to the last result set

  Annotations

  - **oas-format**

```
                "uri"
```

- **Meta**: *required(object)*

  Meta Data relevant to the payload

  Annotations

  - **oas-schema-title**

    ```
    "MetaData"
    ```

  - **TotalPages**: *(integer)*
  - **FirstAvailableDateTime**: *(datetime)*

    All dates in the JSON payloads are represented in ISO 8601 date-time format. All date-time fields in responses must include the timezone. An example is below: 2017-04-05T10:43:07+00:00

  - **LastAvailableDateTime**: *(datetime)*

    All dates in the JSON payloads are represented in ISO 8601 date-time format. All date-time fields in responses must include the timezone. An example is below: 2017-04-05T10:43:07+00:00

Example:


```
{
  "Data": {
    "DirectDebit": [
      {
        "AccountId": "23660b73-460b-499f-ab7c-fc8f7572207c",
        "DirectDebitId": "DD03",
        "MandateIdentification": "Caravanners",
        "DirectDebitStatusCode": "Active",
        "Name": "Towbar Club 3 - We Love Towbars",
        "PreviousPaymentDateTime": "2017-04-05T10:43:07+00:00",
        "PreviousPaymentAmount": {
          "Amount": "0.57",
          "Currency": "GBP"
        }
      }
    ]
  },
  "Links": {
    "Self": "/accounts/23660b73-460b-499f-ab7c-fc8f7572207c/direct-
debits/"
  },
  "Meta": {
    "TotalPages": 1
  }
}
```


HTTP status code 400

Bad Request, this error is returned if the input parameters are invalid or if one or more mandatory input is missing.

HTTP status code 401

Unauthorized, This error is returned if client ID/Secret or Access token used in the request is invalid.

HTTP status code 403

Forbidden, this error is returned if access to the requested resource is not permitted.

HTTP status code 405

Method Not Allowed, this error is returned if the HTTP method used in the request is not supported.

HTTP status code 406

Not Acceptable, this error is returned when the returned content-type is different from the Accept header in the request.

HTTP status code 429

Too Many Requests, this error is returned when the number of HTTP requests exceeds the SLA limit.

Headers

- **Retry-After**: *required*(*integer*)

  Number in seconds to wait

HTTP status code 500

Internal Server Error, this error is returned if there is an internal error in the system.

/accounts/{AccountId}/product GET

GET

Get Product related to an account

×

GET /accounts/{AccountId}/product

Get Product related to an account

- Request
- Response

URI Parameters

- **AccountId**: *required(string)*

  A unique identifier used to identify the account resource.

Annotations

- **oas-summary**

  ```
  "Get Account Product"
  ```

Headers

- **x-fapi-financial-id**: *required(string)*

  The unique id of the ASPSP to which the request is issued. The unique id will be issued by OB.

  Example:

  ```
  e3213dfd-435fgrd5-e4edr4
  ```

- **x-fapi-customer-last-logged-time**: *(string - pattern: ^(Mon|Tue|Wed|Thu|Fri|Sat|Sun), \d{2} (Jan|Feb|Mar|Apr|May|Jun|Jul|Aug|Sep|Oct|Nov|Dec) \d{4} \d{2}:\d{2}:\d{2} (GMT|UTC)$)*

  The time when the PSU last logged in with the TPP. All dates in the HTTP headers are represented as RFC 7231 Full Dates. An example is below: Sun, 10 Sep 2017 19:43:31 UTC

  Example:

  ```
  Sun, 10 Sep 2017 19:43:31 UTC
  ```

- **x-fapi-customer-ip-address**: *(string)*

  The PSU's IP address if the PSU is currently logged in with the TPP. It would be blank in case the PSU is not current logged in.

  Example:

  ```
  234.213.323.123
  ```

- **x-fapi-interaction-id**: *(string)*

  An RFC4122 UID used as a correlation id. This id is used to track end-to-end interaction between TPP request and response sent by the API platform. If this is passed in the request, then the response should contain the value passed in the request

  Example:

  ```
  93bac548-d2de-4546-b106-880a5018460d
  ```

- **Authorization**: *required(string)*

  An Authorization Token as per https://tools.ietf.org/html/rfc6750 , It should be an OAuth based access token obtained by using Authorization Code grant type. In the Sandbox environment for testing, a random string should be passed.

  Example:

  ```
  Bearer eyJhbGciOiJSUzI1NiIsInR5cCI6IkpXVCJ9.eyJhdWQiOlsiY
  ```

- **Accept**: *(string)*

  Determine the Content-Type that is required from the Server.

  Example:

  ```
  application/json
  ```

- **client_id**: *required(string)*

  Your Client ID provided by this portal

- **client_secret**: *required(string)*

  Your Client secret provided by this portal

HTTP status code 200

Account Product successfully retrieved

Headers

- **Content-type**: *required(string)*

  Represents the format of the payload returned in the response.

- **x-jws-signature**: *required(string)*

  Header containing a detached JWS signature of the body of the payload.

- **x-fapi-interaction-id**: *(string)*

  An RFC4122 UID used as a correlation id. This id is used to track end-to-end interaction between TPP request and response sent by the API platform. If this is passed in the request, then the response should contain the value passed in the request

Body

Media type: application/json

Type: object

Properties

- **Data**: *required(object)*

  Data

  ### Annotations

  - **oas-schema-title**

    `"Data"`

  - **Product**: *(array of object)*

    Product

    ### Annotations

    - **oas-schema-title**

      `"Product"`

    Items: items

    - **AccountId**: *required(string - minLength: 1 - maxLength: 40)*

      A unique and immutable identifier used to identify the account resource. This identifier has no meaning to the account owner.

    - **ProductIdentifier**: *required(string)*

      Identifier within the parent organization for the product. Must be unique in the organization.

    - **ProductType**: *required(one of BCA, PCA)*

      Descriptive code for the product category.

    - **ProductName**: *(string)*

The name of the product used for marketing purposes from a customer perspective. I.e. what the customer would recognize.

- **SecondaryProductIdentifier**: *(string)*

  Identifier within the parent organization for the product. Must be unique in the organization.

- **Links**: *required(object)*

  Links relevant to the response data result set received in the API response payload

  Annotations

  - **oas-schema-title**

    `"Links"`

  - **Self**: *required(string)*

    Link to the current result set

    Annotations

    - **oas-format**

      `"uri"`

  - **First**: *(string)*

    Link to the first result set

    Annotations

    - **oas-format**

      `"uri"`

  - **Prev**: *(string)*

    Link to the previous result set

    Annotations

    - **oas-format**

      `"uri"`

  - **Next**: *(string)*

Link to the next result set

Annotations

- **oas-format**

  `"uri"`

- **Last**: *(string)*

  Link to the last result set

  Annotations

  - **oas-format**

    `"uri"`

- **Meta**: *required(object)*

  Meta Data relevant to the payload

  Annotations

  - **oas-schema-title**

    `"MetaData"`

  - **TotalPages**: *(integer)*
  - **FirstAvailableDateTime**: *(datetime)*

    All dates in the JSON payloads are represented in ISO 8601 date-time format. All date-time fields in responses must include the timezone. An example is below: 2017-04-05T10:43:07+00:00

  - **LastAvailableDateTime**: *(datetime)*

    All dates in the JSON payloads are represented in ISO 8601 date-time format. All date-time fields in responses must include the timezone. An example is below: 2017-04-05T10:43:07+00:00

Example:


```
{
  "Data": {
    "Product": [
      {
        "AccountId": "23660b73-460b-499f-ab7c-fc8f7572207c",
        "ProductIdentifier": "51B",
        "ProductType": "PCA",
        "ProductName": "321 Product"
      }
```

```
      ]
    },
    "Links": {
      "Self": "/accounts/23660b73-460b-499f-ab7c-fc8f7572207c/product"
    },
    "Meta": {
      "TotalPages": 1
    }
  }
```


HTTP status code 400

Bad Request, this error is returned if the input parameters are invalid or if one or more mandatory input is missing.

HTTP status code 401

Unauthorized, This error is returned if client ID/Secret or Access token used in the request is invalid.

HTTP status code 403

Forbidden, this error is returned if access to the requested resource is not permitted.

HTTP status code 405

Method Not Allowed, this error is returned if the HTTP method used in the request is not supported.

HTTP status code 406

Not Acceptable, this error is returned when the returned content-type is different from the Accept header in the request.

HTTP status code 429

Too Many Requests, this error is returned when the number of HTTP requests exceeds the SLA limit.

Headers

- **Retry-After**: *required(integer)*

  Number in seconds to wait

HTTP status code 500

Internal Server Error, this error is returned if there is an internal error in the system.

/accounts/{AccountId}/standing-orders GET

GET

Get Standing Orders related to an account

×

GET /accounts/{AccountId}/standing-orders

Get Standing Orders related to an account

- Request
- Response

URI Parameters

- **AccountId**: *required(string)*

  A unique identifier used to identify the account resource.

Annotations

- **oas-summary**

  ```
  "Get Account Standing Orders"
  ```

Headers

- **x-fapi-financial-id**: *required(string)*

  The unique id of the ASPSP to which the request is issued. The unique id will be issued by OB.

  Example:

  ```
  e3213dfd-435fgrd5-e4edr4
  ```

- **x-fapi-customer-last-logged-time**: *(string - pattern: ^(Mon|Tue|Wed|Thu|Fri|Sat|Sun), \d{2} (Jan|Feb|Mar|Apr|May|Jun|Jul|Aug|Sep|Oct|Nov|Dec) \d{4} \d{2}:\d{2}:\d{2} (GMT|UTC)$)*

  The time when the PSU last logged in with the TPP. All dates in the HTTP headers are represented as RFC 7231 Full Dates. An example is below: Sun, 10 Sep 2017 19:43:31 UTC

  Example:

  ```
  Sun, 10 Sep 2017 19:43:31 UTC
  ```

- **x-fapi-customer-ip-address**: *(string)*

  The PSU's IP address if the PSU is currently logged in with the TPP. It would be blank in case the PSU is not current logged in.

  Example:

  ```
  234.213.323.123
  ```

- **x-fapi-interaction-id**: *(string)*

  An RFC4122 UID used as a correlation id. This id is used to track end-to-end interaction between TPP request and response sent by the API platform. If this is passed in the request, then the response should contain the value passed in the request

  Example:

  ```
  93bac548-d2de-4546-b106-880a5018460d
  ```

- **Authorization**: *required(string)*

  An Authorization Token as per https://tools.ietf.org/html/rfc6750 , It should be an OAuth based access token obtained by using Authorization Code grant type. In the Sandbox environment for testing, a random string should be passed.

  Example:

  ```
  Bearer eyJhbGciOiJSUzI1NiIsInR5cCI6IkpXVCJ9.eyJhdWQiOlsiY
  ```

- **Accept**: *(string)*

  Determine the Content-Type that is required from the Server.

  Example:

  ```
  application/json
  ```

- **client_id**: *required(string)*

  Your Client ID provided by this portal

- **client_secret**: *required(string)*

  Your Client secret provided by this portal

HTTP status code 200

Account Standing Orders successfully retrieved

Headers

- **Content-type**: *required(string)*

  Represents the format of the payload returned in the response.

- **x-jws-signature**: *required(string)*

  Header containing a detached JWS signature of the body of the payload.

- **x-fapi-interaction-id**: *(string)*

  An RFC4122 UID used as a correlation id. This id is used to track end-to-end interaction between TPP request and response sent by the API platform. If this is passed in the request, then the response should contain the value passed in the request

Body

Media type: application/json

Type: object

Properties

- **Data**: *required(object)*

  Data

  ### Annotations

  - **oas-schema-title**

    `"Data"`

  - **StandingOrder**: *(array of object)*

    StandingOrder

    ### Annotations

    - **oas-schema-title**

      `"StandingOrder"`

    Items: items

    - **AccountId**: *required(string - minLength: 1 - maxLength: 40)*

      The date on which the first payment for a Standing Order schedule will be made.

    - **StandingOrderId**: *(string - minLength: 1 - maxLength: 40)*

A unique and immutable identifier used to identify the standing order resource. This identifier has no meaning to the account owner.

- **Frequency**: *required(string - pattern: ^(EvryDay)$|^(EvryWorkgDay)$|^(IntrvlWkDay:0[1-9]:0[1-7])$|^(WkInMnthDay:0[1-5]:0[1-7])$|^(IntrvlMnthDay:(0[1-6]|12|24):(-0[1-5]|0[1-9]|[12][0-9]|3[01]))$|^(QtrDay:(ENGLISH|SCOTTISH|RECEIVED))$)*

  EvryDay - Every day EvryWorkgDay - Every working day IntrvlWkDay - An interval specified in weeks (01 to 09), and the day within the week (01 to 07) WkInMnthDay - A monthly interval, specifying the week of the month (01 to 05) and day within the week (01 to 07) IntrvlMnthDay - An interval specified in months (between 01 to 06, 12, 24), specifying the day within the month (-5 to -1, 1 to 31) QtrDay - Quarterly (either ENGLISH, SCOTTISH, or RECEIVED) Patterns: EvryDay (ScheduleCode) EvryWorkgDay (ScheduleCode) IntrvlWkDay:IntervalInWeeks:DayInWeek (ScheduleCode + IntervalInWeeks + DayInWeek) WkInMnthDay:WeekInMonth:DayInWeek (ScheduleCode + WeekInMonth + DayInWeek) IntrvlMnthDay:IntervalInMonths:DayInMonth (ScheduleCode + IntervalInMonths + DayInMonth) QtrDay: + either (ENGLISH, SCOTTISH or RECEIVED) ScheduleCode + QuarterDay

  The regular expression for this element combines five smaller versions for each permitted pattern. To aid legibility - the components are presented individually here: EvryDay EvryWorkgDay IntrvlWkDay:0[1-9]:0[1-7] WkInMnthDay:0[1-5]:0[1-7] IntrvlMnthDay:(0[1-6]|12|24):(-0[1-5]|0[1-9]|[12][0-9]|3[01]) QtrDay:(ENGLISH|SCOTTISH|RECEIVED)

- **Reference**: *(string - minLength: 1 - maxLength: 35)*

  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.

- **FirstPaymentDateTime**: *(datetime)*

  The date on which the first payment for a Standing Order schedule will be made. All dates in the JSON payloads are represented in ISO 8601 date-time format. All date-time fields in responses must include the timezone. An example is below: 2017-04-05T10:43:07+00:00

- **FirstPaymentAmount**: *(object)*

  The amount of the first Standing Order

  - **Amount**: *required(string - pattern: ^\d{1,13}\.\d{1,5}$)*
  - **Currency**: *required(string - pattern: ^[A-Z]{3,3}$)*

    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'

- **NextPaymentDateTime**: *required(datetime)*

The date on which the next payment for a Standing Order schedule will be made. All dates in the JSON payloads are represented in ISO 8601 date-time format. All date-time fields in responses must include the timezone. An example is below: 2017-04-05T10:43:07+00:00

- **NextPaymentAmount**: *required(object)*

  The amount of the next Standing Order

  - **Amount**: *required(string - pattern: ^\d{1,13}\.\d{1,5}$)*
  - **Currency**: *required(string - pattern: ^[A-Z]{3,3}$)*

    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'

- **FinalPaymentDateTime**: *(datetime)*

  The date on which the final payment for a Standing Order schedule will be made. All dates in the JSON payloads are represented in ISO 8601 date-time format. All date-time fields in responses must include the timezone. An example is below: 2017-04-05T10:43:07+00:00

- **FinalPaymentAmount**: *(object)*

  The amount of the final Standing Order

  - **Amount**: *required(string - pattern: ^\d{1,13}\.\d{1,5}$)*
  - **Currency**: *required(string - pattern: ^[A-Z]{3,3}$)*

    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'

- **Servicer**: *(object)*

  Party that manages the account on behalf of the account owner, that is manages the registration and booking of entries on the account, calculates balances on the account and provides information about the account. This is the servicer of the beneficiary account

  - **SchemeName**: *required(BICFI)*

    Name of the identification scheme, in a coded form as published in an external list.

  - **Identification**: *required(string - minLength: 1 - maxLength: 35)*

    Unique and unambiguous identification of the servicing institution.

- **CreditorAccount**: *(object)*

  Provides the details to identify the beneficiary account.

- **SchemeName**: *required(one of IBAN, SortCodeAccountNumber)*

  Name of the identification scheme, in a coded form as published in an external list.

- **Identification**: *required(string - minLength: 1 - maxLength: 34)*

  Identification assigned by an institution to identify an account. This identification is known by the account owner.

- **Name**: *(string - minLength: 1 - maxLength: 70)*

  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. Usage: The account name is different from the account owner name. The account name is used in certain user communities to provide a means of identifying the account, in addition to the account owner's identity and the account number.

- **SecondaryIdentification**: *(string - minLength: 1 - maxLength: 34)*

  This is secondary identification of the account, as assigned by the account servicing institution. This can be used by building societies to additionally identify accounts with a roll number (in addition to a sort code and account number combination).

- **Links**: *required(object)*

  Links relevant to the response data result set received in the API response payload

  Annotations

  - **oas-schema-title**

    `"Links"`

  - **Self**: *required(string)*

    Link to the current result set

    Annotations

    - **oas-format**

      `"uri"`

  - **First**: *(string)*

    Link to the first result set

    Annotations

        - **oas-format**

          `"uri"`

    - **Prev**: *(string)*

      Link to the previous result set

      Annotations

        - **oas-format**

          `"uri"`

    - **Next**: *(string)*

      Link to the next result set

      Annotations

        - **oas-format**

          `"uri"`

    - **Last**: *(string)*

      Link to the last result set

      Annotations

        - **oas-format**

          `"uri"`

- **Meta**: *required(object)*

  Meta Data relevant to the payload

  Annotations

    - **oas-schema-title**

      `"MetaData"`

    - **TotalPages**: *(integer)*
    - **FirstAvailableDateTime**: *(datetime)*

      All dates in the JSON payloads are represented in ISO 8601 date-time format. All date-time fields in responses must include the timezone. An example is below: 2017-04-05T10:43:07+00:00

- **LastAvailableDateTime**: *(datetime)*

  All dates in the JSON payloads are represented in ISO 8601 date-time format. All date-time fields in responses must include the timezone. An example is below: 2017-04-05T10:43:07+00:00

Example:


```
{
  "Data": {
    "StandingOrder": [
      {
        "AccountId": "23660b73-460b-499f-ab7c-fc8f7572207c",
        "StandingOrderId": "Ben3",
        "Frequency": "EvryWorkgDay",
        "Reference": "Towbar Club 2 - We Love Towbars",
        "FirstPaymentDateTime": "2017-08-12T00:00:00+00:00",
        "FirstPaymentAmount": {
          "Amount": "0.57",
          "Currency": "GBP"
        },
        "NextPaymentDateTime": "2017-08-13T00:00:00+00:00",
        "NextPaymentAmount": {
          "Amount": "0.56",
          "Currency": "GBP"
        },
        "FinalPaymentDateTime": "2027-08-12T00:00:00+00:00",
        "FinalPaymentAmount": {
          "Amount": "0.56",
          "Currency": "GBP"
        },
        "CreditorAccount": {
          "SchemeName": "SortCodeAccountNumber",
          "Identification": "80200112345678",
          "Name": "Mrs Juniper"
        }
      }
    ]
  },
  "Links": {
    "Self": "/accounts/23660b73-460b-499f-ab7c-fc8f7572207c/standing-
orders/"
  },
  "Meta": {
    "TotalPages": 1
  }
}
```


HTTP status code 400

Bad Request, this error is returned if the input parameters are invalid or if one or more mandatory input is missing.

HTTP status code 401

Unauthorized, This error is returned if client ID/Secret or Access token used in the request is invalid.

HTTP status code 403

Forbidden, this error is returned if access to the requested resource is not permitted.

HTTP status code 405

Method Not Allowed, this error is returned if the HTTP method used in the request is not

HTTP status code 406

Not Acceptable, this error is returned When the returned content-type is different from the

HTTP status code 429

Too Many Requests, This error is returned when the number of HTTP requests exceeds the SLA

Headers

- **Retry-After**: *required*(*integer*)

  Number in seconds to wait

HTTP status code 500

Internal Server Error, this error is returned if there is an internal error in the system.

/accounts/{AccountId}/transactions GET

GET

Get transactions related to an account

×

GET /accounts/{AccountId}/transactions

Get transactions related to an account

- Request
- Response

URI Parameters

- **AccountId**: *required(string)*

  A unique identifier used to identify the account resource.

Annotations

- **oas-summary**

  ```
  "Get Account Transactions"
  ```

Headers

- **x-fapi-financial-id**: *required(string)*

  The unique id of the ASPSP to which the request is issued. The unique id will be issued by OB.

  Example:

  ```
  e3213dfd-435fgrd5-e4edr4
  ```

- **x-fapi-customer-last-logged-time**: *(string - pattern: ^(Mon|Tue|Wed|Thu|Fri|Sat|Sun), \d{2} (Jan|Feb|Mar|Apr|May|Jun|Jul|Aug|Sep|Oct|Nov|Dec) \d{4} \d{2}:\d{2}:\d{2} (GMT|UTC)$)*

  The time when the PSU last logged in with the TPP. All dates in the HTTP headers are represented as RFC 7231 Full Dates. An example is below: Sun, 10 Sep 2017 19:43:31 UTC

  Example:

  ```
  Sun, 10 Sep 2017 19:43:31 UTC
  ```

- **x-fapi-customer-ip-address**: *(string)*

  The PSU's IP address if the PSU is currently logged in with the TPP. It would be blank in case the PSU is not current logged in.

  Example:

  ```
  234.213.323.123
  ```

- **x-fapi-interaction-id**: *(string)*

  An RFC4122 UID used as a correlation id. This id is used to track end-to-end interaction between TPP request and response sent by the API platform. If this is passed in the request, then the response should contain the value passed in the request

  Example:

```
93bac548-d2de-4546-b106-880a5018460d
```

- **Authorization**: *required*(*string*)

  An Authorization Token as per https://tools.ietf.org/html/rfc6750 , It should be an OAuth based access token obtained by using Authorization Code grant type. In the Sandbox environment for testing, a random string should be passed.

  Example:

  ```
  Bearer eyJhbGciOiJSUzI1NiIsInR5cCI6IkpXVCJ9.eyJhdWQiOlsiY
  ```

- **Accept**: *(string)*

  Determine the Content-Type that is required from the Server.

  Example:

  ```
  application/json
  ```

- **client_id**: *required*(*string*)

  Your Client ID provided by this portal

- **client_secret**: *required*(*string*)

  Your Client secret provided by this portal

Query Parameters

- **fromBookingDateTime**: *(datetime)*

  The UTC ISO 8601 Date Time to filter transactions FROM NB Time component is optional - set to 00:00:00 for just Date.
  The parameter must NOT have a timezone set

- **toBookingDateTime**: *(datetime)*

  The UTC ISO 8601 Date Time to filter transactions TO NB Time component is optional - set to 00:00:00 for just Date.
  The parameter must NOT have a timezone set

HTTP status code 200

Account Transactions successfully retrieved

Headers

- **Content-type**: *required*(*string*)

Represents the format of the payload returned in the response.

- **x-jws-signature**: *required(string)*

  Header containing a detached JWS signature of the body of the payload.

- **x-fapi-interaction-id**: *(string)*

  An RFC4122 UID used as a correlation id. This id is used to track end-to-end interaction between TPP request and response sent by the API platform. If this is passed in the request, then the response should contain the value passed in the request

Body

Media type: application/json

Type: object

Properties

- **Data**: *required(object)*

  Data

  #### Annotations

  - **oas-schema-title**

    `"Data"`

  - **Transaction**: *(array of object - minItems: 1)*

    Transaction

    #### Annotations

    - **oas-schema-title**

      `"Transaction"`

    Items: items

    - **AccountId**: *required(string - minLength: 1 - maxLength: 40)*

      A unique and immutable identifier used to identify the account resource. This identifier has no meaning to the account owner.

    - **TransactionId**: *(string - minLength: 1 - maxLength: 40)*

Unique identifier for the transaction within an servicing institution. This identifier is both unique and immutable.

- **TransactionReference**: *(string - minLength: 1 - maxLength: 35)*

Unique reference for the transaction. This reference is optionally populated, and may as an example be the FPID in the Faster Payments context.

- **Amount**: *required(object)*

Amount of money in the cash entry.

  - **Amount**: *required(string - pattern: ^\d{1,13}\.\d{1,5}$)*
  - **Currency**: *required(string - pattern: ^[A-Z]{3,3}$)*

    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'

- **CreditDebitIndicator**: *required(one of Credit, Debit)*

Indicates whether the transaction is a credit or a debit entry.

- **Status**: *required(one of Booked, Pending)*

Status of a transaction entry on the books of the account servicer.

- **BookingDateTime**: *required(datetime)*

Date and time when a transaction entry is posted to an account on the account servicer's books. Usage: Booking date is the expected booking date, unless the status is booked, in which case it is the actual booking date. All dates in the JSON payloads are represented in ISO 8601 date-time format. All date-time fields in responses must include the timezone. An example is below: 2017-04-05T10:43:07+00:00

- **ValueDateTime**: *(datetime)*

Date and time 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. Usage: If entry status is pending and value date is present, then the value date refers to an expected/requested value date. For entries subject to availability/float and for which availability information is provided, the value date must not be used. In this case the availability component identifies the number of availability days. All dates in the JSON payloads are represented in ISO 8601 date-time format. All date-time fields in responses must include the timezone. An example is below: 2017-04-05T10:43:07+00:00

- **TransactionInformation**: *(string - minLength: 1 - maxLength: 500)*

Further details of the transaction. This is the transaction narrative, which is unstructured text.

- **AddressLine**: *(string - minLength: 1 - maxLength: 70)*

Information that locates and identifies a specific address, as defined by postal services, that is presented in free format text.

- **BankTransactionCode**: *(object)*

  Set of elements used to fully identify the type of underlying transaction resulting in an entry.

  - **Code**: *required(string)*

    Specifies the family within a domain.

  - **SubCode**: *required(string)*

    Specifies the sub-product family within a specific family.

- **ProprietaryBankTransactionCode**: *(object)*

  Set of elements to fully identify a proprietary bank transaction code.

  - **Code**: *required(string - minLength: 1 - maxLength: 35)*

    Proprietary bank transaction code to identify the underlying transaction.

  - **Issuer**: *(string - minLength: 1 - maxLength: 35)*

    Identification of the issuer of the proprietary bank transaction code.

- **Balance**: *(object)*

  Set of elements used to define the balance as a numerical representation of the net increases and decreases in an account after a transaction entry is applied to the account.

  - **Amount**: *required(object)*

    Amount of money of the cash balance after a transaction entry is applied to the account..

    - **Amount**: *required(string - pattern: ^\d{1,13}\.\d{1,5}$)*
    - **Currency**: *required(string - pattern: ^[A-Z]{3,3}$)*

      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'

  - **CreditDebitIndicator**: *required(one of Credit, Debit)*

    Indicates whether the balance is a credit or a debit balance. Usage: A zero balance is considered to be a credit balance.

  - **Type**: *required(one of ClosingAvailable, ClosingBooked, Expected, ForwardAvailable, Information, InterimAvailable, InterimBooked, OpeningAvailable, OpeningBooked, PreviouslyClosedBooked)*

Balance type, in a coded form.

- **MerchantDetails**: *(object)*

  Details of the merchant involved in the transaction.

  - **MerchantName**: *(string - minLength: 1 - maxLength: 350)*

    Name by which the merchant is known.

  - **MerchantCategoryCode**: *(string - minLength: 3 - maxLength: 4)*

    Category code conform to ISO 18245, related to the type of services or goods the merchant provides for the transaction.

- **Links**: *required(object)*

  Links relevant to the response data result set received in the API response payload

  Annotations

  - **oas-schema-title**

    `"Links"`

  - **Self**: *required(string)*

    Link to the current result set

    Annotations

    - **oas-format**

      `"uri"`

  - **First**: *(string)*

    Link to the first result set

    Annotations

    - **oas-format**

      `"uri"`

  - **Prev**: *(string)*

    Link to the previous result set

    Annotations

        - **oas-format**

          `"uri"`

    - **Next**: *(string)*

      Link to the next result set

      Annotations

        - **oas-format**

          `"uri"`

    - **Last**: *(string)*

      Link to the last result set

      Annotations

        - **oas-format**

          `"uri"`

- **Meta**: *required(object)*

  Meta Data relevant to the payload

  Annotations

    - **oas-schema-title**

      `"MetaData"`

    - **TotalPages**: *(integer)*
    - **FirstAvailableDateTime**: *(datetime)*

      All dates in the JSON payloads are represented in ISO 8601 date-time format. All date-time fields in responses must include the timezone. An example is below: 2017-04-05T10:43:07+00:00

    - **LastAvailableDateTime**: *(datetime)*

      All dates in the JSON payloads are represented in ISO 8601 date-time format. All date-time fields in responses must include the timezone. An example is below: 2017-04-05T10:43:07+00:00

Example:

```
{
  "Data": {
```

```
    "Transaction": [
      {
        "AccountId": "22289",
        "TransactionId": "123",
        "TransactionReference": "Ref 1",
        "Amount": {
          "Amount": "10.00",
          "Currency": "GBP"
        },
        "CreditDebitIndicator": "Credit",
        "Status": "Booked",
        "BookingDateTime": "2017-04-05T10:43:07+00:00",
        "ValueDateTime": "2017-04-05T10:45:22+00:00",
        "TransactionInformation": "Cash from Aubrey",
        "ProprietaryBankTransactionCode": {
          "Code": "030",
          "Issuer": "AlphaBank"
        },
        "Balance": {
          "Amount": {
            "Amount": "230.00",
            "Currency": "GBP"
          },
          "CreditDebitIndicator": "Credit",
          "Type": "InterimBooked"
        }
      }
    ]
  },
  "Links": {
    "Self": "/accounts/22289/transactions/"
  },
  "Meta": {
    "TotalPages": 1,
    "FirstAvailableDateTime": "2017-05-03T00:00:00+00:00",
    "LastAvailableDateTime": "2017-12-03T00:00:00+00:00"
  }
}
```


HTTP status code 400

Bad Request, this error is returned if the input parameters are invalid or if one or more mandatory input is missing.

HTTP status code 401

Unauthorized, This error is returned if client ID/Secret or Access token used in the request is invalid.

HTTP status code 403

Forbidden, this error is returned if access to the requested resource is not permitted.

HTTP status code 405

Method Not Allowed, this error is returned if the HTTP method used in the request is not

HTTP status code 406

Not Acceptable, this error is returned When the returned content-type is different from the

HTTP status code 429

Too Many Requests, This error is returned when the number of HTTP requests exceeds the SLA

Headers

- **Retry-After**: *required*(*integer*)

  Number in seconds to wait

HTTP status code 500

Internal Server Error, this error is returned if there is an internal error in the platform.

- /accounts