Account Information APIs

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1. Overview

Draft Swagger specification for Account Information APIs

1.1. Version information

Version : v0.1

1.2. Contact information

Contact : Claudio Viola
Contact Email : claudio.viola@openbanking.org.uk

1.3. License information

License : open-licence
License URL : https://www.openbanking.org.uk/open-licence
Terms of service : https://www.openbanking.org.uk/terms

1.4. URI scheme

BasePath : /open-banking
Schemes : HTTPS

1.5. Produces

- `application/json`

2. Paths

2.1. Get Accounts

```
GET /accounts
```

2.1.1. Description

Get a list of accounts

2.1.2. Responses

HTTP Code	Description	Schema
200	Accounts successfully retrieved	Accounts GET response
400	Bad Request	No Content
401	Unauthorized	No Content
403	Forbidden	No Content
404	Not Found	No Content
500	Internal Server Error	No Content

Accounts GET response

Name	Schema
Accounts *required*	< Accounts > array
Links *optional*	Links

Accounts

Name	Description	Schema
Account *required*	Provides the details to identify an account.	Account
AccountId *required*	A unique identifier used to identify the account resource. This identifier has no meaning to the account owner. **Length** : `1 - 40`	string
Currency *required*	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. **Pattern** : `"^[A-Z]{3}$"`	string

Name	Description	Schema
Nickname *optional*	The nickname of the account, assigned by the account owner in order to provide an additional means of identification of the account. **Length** : 1 - 70	string
Servicer *required*	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.	Servicer

Account

Name	Description	Schema
Identification *required*	Unique and unambiguous identification of the servicing institution. **Length** : 1 - 34	string
Name *required*	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. **Length** : 1 - 70	string
SchemeName *required*	Name of the identification scheme, in a coded form as published in an external list.	enum (BBAN)
SecondaryIdentification *optional*	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). **Length** : 1 - 34	string

Servicer

Name	Description	Schema
Identification *required*	Unique and unambiguous identification of the servicing institution. **Length** : 1 - 35	string
SchemeName *required*	Name of the identification scheme, in a coded form as published in an external list.	enum (BICFI, UKSortCode)

Links

Name	Schema
first *optional*	string (uri)

Name	Schema
last *optional*	string (uri)
next *optional*	string (uri)
prev *optional*	string (uri)
self *required*	string (uri)

2.1.3. Produces

- `application/json`

2.1.4. Security

Type	Name	Scopes
oauth2	**PSUOAuth2Security**	accounts:read

2.2. Create an account request

```
POST /accounts-requests
```

2.2.1. Description

Create an account request

2.2.2. Body parameter

Create an Account Request

Name : body
Flags : required

Name	Description	Schema
Permissions *required*	Specifies the Open Banking account request types. This is a list of the data clusters being consented by the PSU, and requested for authorisation with the ASPSP.	< enum (ReadAccounts, ReadAccountsSensitive, ReadBalances, ReadBeneficiaries, ReadBeneficiariesSensitive, ReadDirectDebits, ReadStandingOrders, ReadStandingOrdersSensitive, ReadTransactions, ReadTransactionsCredits, ReadTransactionsDebits, ReadTransactionsSensitive) > array
PermissionsExpirationDateTime *optional*	Specified date and time the permissions will expire. If this is not populated, the permissions will be open ended.	string (date-time)
SelectedAccounts *optional*	Provides the details to identify accounts in the account information request.	< SelectedAccounts > array
TransactionFromDateTime *optional*	Specified start date and time for the transaction query period. If this is not populated, the request will be open ended.	string (date-time)
TransactionToDateTime *optional*	Specified end date and time for the transaction query period. If this is not populated, the request will be open ended.	string (date-time)

SelectedAccounts

Name	Description	Schema
Account *required*		Account
Servicer *required*	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	Servicer

Account

Name	Description	Schema
Identification *required*	Unique and unambiguous identification of the servicing institution. **Length** : 1 - 34	string
Name *required*	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. **Length** : 1 - 70	string
SchemeName *required*	Name of the identification scheme, in a coded form as published in an external list.	enum (BBAN)
SecondaryIdentification *optional*	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). **Length** : 1 - 34	string

Servicer

Name	Description	Schema
Identification *required*	Unique and unambiguous identification of the servicing institution. **Length** : 1 - 35	string
SchemeName *required*	Name of the identification scheme, in a coded form as published in an external list.	enum (BICFI, UKSortCode)

2.2.3. Responses

HTTP Code	Description	Schema
201	Account Request resource successfully created	Account Request POST response
400	Bad Request	No Content
401	Unauthorized	No Content
403	Forbidden	No Content
409	Conflict	No Content
500	Internal Server Error	No Content

Account Request POST response

Name	Description	Schema
AccountIds *optional*	A unique and immutable identifier used to identify the account resource. This identifier has no meaning to the account owner.	< string > array
AccountRequestId *optional*	Unique identification as assigned to identify the account request resource. **Length** : 1 - 40	string
Permissions *required*	Specifies the Open Banking account request types. This is a list of the data clusters being consented by the PSU, and requested for authorisation with the ASPSP.	< enum (ReadAccounts, ReadAccountsSensitive, ReadBalances, ReadBeneficiaries, ReadBeneficiariesSensitive, ReadDirectDebits, ReadStandingOrders, ReadStandingOrdersSensitive, ReadTransactions, ReadTransactionsCredits, ReadTransactionsDebits, ReadTransactionsSensitive) > array
PermissionsExpirationDateTime *optional*	Specified date and time the permissions will expire. If this is not populated, the permissions will be open ended.	string (date-time)
SelectedAccounts *optional*	Provides the details to identify accounts in the account information request.	< SelectedAccounts > array
Status *optional*	Specifies the status of the account request resource in code form.	enum (TBD)

Name	Description	Schema
TransactionFr omDateTime *optional*	Specified start date and time for the transaction query period. If this is not populated, the request will be open ended.	string (date-time)
TransactionTo DateTime *optional*	Specified end date and time for the transaction query period. If this is not populated, the request will be open ended.	string (date-time)

SelectedAccounts

Name	Description	Schema
Account *required*		Account
Servicer *required*	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	Servicer

Account

Name	Description	Schema
Identification *required*	Unique and unambiguous identification of the servicing institution. **Length** : 1 - 34	string
Name *required*	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. **Length** : 1 - 70	string
SchemeName *required*	Name of the identification scheme, in a coded form as published in an external list.	enum (BBAN)
SecondaryIde ntification *optional*	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). **Length** : 1 - 34	string

Servicer

Name	Description	Schema
Identification *required*	Unique and unambiguous identification of the servicing institution. **Length** : 1 - 35	string
SchemeName *required*	Name of the identification scheme, in a coded form as published in an external list.	enum (BICFI, UKSortCode)

2.2.4. Consumes

- application/json

2.2.5. Produces

- application/json

2.2.6. Security

Type	Name	Scopes
oauth2	**TPPOAuth2Security**	tpp_client_credential

2.3. Get an account request

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

2.3.1. Description

Get an account request

2.3.2. Parameters

Type	Name	Description	Schema
Path	**AccountRequestId** *required*	Unique identification as assigned by the ASPSP to uniquely identify the account request resource.	string

2.3.3. Responses

HTTP Code	Description	Schema
200	Account Request resource successfully retrieved	Account Request GET response
400	Bad Request	No Content
401	Unauthorized	No Content
403	Forbidden	No Content
404	Not Found	No Content
500	Internal Server Error	No Content

Account Request GET response

Name	Description	Schema
AccountIds *optional*	A unique and immutable identifier used to identify the account resource. This identifier has no meaning to the account owner.	< string > array
AccountRequestId *optional*	Unique identification as assigned to identify the account request resource. **Length** : 1 - 40	string

Name	Description	Schema
Permissions *required*	Specifies the Open Banking account request types. This is a list of the data clusters being consented by the PSU, and requested for authorisation with the ASPSP.	< enum (ReadAccounts, ReadAccountsSensitive, ReadBalances, ReadBeneficiaries, ReadBeneficiariesSensitive, ReadDirectDebits, ReadStandingOrders, ReadStandingOrdersSensitive, ReadTransactions, ReadTransactionsCredits, ReadTransactionsDebits, ReadTransactionsSensitive) > array
PermissionsExpirationDateTime *optional*	Specified date and time the permissions will expire. If this is not populated, the permissions will be open ended.	string (date-time)
SelectedAccounts *optional*	Provides the details to identify accounts in the account information request.	< SelectedAccounts > array
Status *optional*	Specifies the status of the account request resource in code form.	enum (TBD)
TransactionFromDateTime *optional*	Specified start date and time for the transaction query period. If this is not populated, the request will be open ended.	string (date-time)
TransactionToDateTime *optional*	Specified end date and time for the transaction query period. If this is not populated, the request will be open ended.	string (date-time)

SelectedAccounts

Name	Description	Schema
Account *required*		Account
Servicer *required*	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	Servicer

Account

Name	Description	Schema
Identification *required*	Unique and unambiguous identification of the servicing institution. **Length** : 1 - 34	string
Name *required*	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. **Length** : 1 - 70	string
SchemeName *required*	Name of the identification scheme, in a coded form as published in an external list.	enum (BBAN)
SecondaryIdentification *optional*	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). **Length** : 1 - 34	string

Servicer

Name	Description	Schema
Identification *required*	Unique and unambiguous identification of the servicing institution. **Length** : 1 - 35	string
SchemeName *required*	Name of the identification scheme, in a coded form as published in an external list.	enum (BICFI, UKSortCode)

2.3.4. Produces

- `application/json`

2.3.5. Security

Type	Name	Scopes
oauth2	**TPPOAuth2Security**	tpp_client_credential
oauth2	**PSUOAuth2Security**	account_request:read

2.4. Get Account

```
GET /accounts/{AccountId}
```

2.4.1. Description

Get an account

2.4.2. Parameters

Type	Name	Description	Schema
Path	**AccountId** *required*	A unique identifier used to identify the account resource.	string

2.4.3. Responses

HTTP Code	Description	Schema
200	Account resource successfully retrieved	Account GET response
400	Bad Request	No Content
401	Unauthorized	No Content
403	Forbidden	No Content
404	Not Found	No Content
500	Internal Server Error	No Content

Account GET response

Name	Description	Schema
Account *required*	Provides the details to identify an account.	Account
AccountId *required*	A unique identifier used to identify the account resource. This identifier has no meaning to the account owner. **Length** : `1 - 40`	string
Currency *required*	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. **Pattern** : `"^[A-Z]{3}$"`	string
Nickname *optional*	The nickname of the account, assigned by the account owner in order to provide an additional means of identification of the account. **Length** : `1 - 70`	string

Name	Description	Schema
Servicer *required*	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.	Servicer

Account

Name	Description	Schema
Identification *required*	Unique and unambiguous identification of the servicing institution. **Length** : 1 - 34	string
Name *required*	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. **Length** : 1 - 70	string
SchemeName *required*	Name of the identification scheme, in a coded form as published in an external list.	enum (BBAN)
SecondaryIdentification *optional*	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). **Length** : 1 - 34	string

Servicer

Name	Description	Schema
Identification *required*	Unique and unambiguous identification of the servicing institution. **Length** : 1 - 35	string
SchemeName *required*	Name of the identification scheme, in a coded form as published in an external list.	enum (BICFI, UKSortCode)

2.4.4. Produces

- `application/json`

2.4.5. Security

Type	Name	Scopes
oauth2	**PSUOAuth2Security**	accounts:read

2.5. Get Account Balances

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

2.5.1. Description

Get Balances related to an account

2.5.2. Parameters

Type	Name	Description	Schema
Path	**AccountId** *required*	A unique identifier used to identify the account resource.	string

2.5.3. Responses

HTTP Code	Description	Schema
200	Account Beneficiaries successfully retrieved	Balances GET response
400	Bad Request	No Content
401	Unauthorized	No Content
403	Forbidden	No Content
404	Not Found	No Content
500	Internal Server Error	No Content

Balances GET response

Name	Description	Schema
Balances *required*	Array of Balances	< Balances > array
Links *optional*		Links

Balances

Name	Description	Schema
AccountId *required*	A unique identifier used to identify the account resource. This identifier has no meaning to the account owner. **Length** : 1 - 40	string
Amount *required*	Amount of money of the cash balance.	Amount

Name	Description	Schema
CreditDebitIndicator *required*	Indicates whether the balance is a credit or a debit balance. Usage: A zero balance is considered to be a credit balance.	enum (Credit, Debit)
CreditLine *optional*		CreditLine
Date *required*	Indicates the date (and time) of the balance.	Date
Type *required*	Balance type, in a coded form.	enum (ClosingAvailable, ClosingBooked, ForwardAvailable, InterimAvailable, InterimBooked, OpeningAvailable, OpeningBooked, PreviouslyClosedBooked, Expected)

Amount

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

CreditLine

Name	Description	Schema
Amount *optional*	Active Or Historic Currency Code and Amount	Amount
Included *required*		boolean
Type *optional*	Limit type, in a coded form.	string

Amount

Name	Description	Schema
Amount *required*	**Pattern** : `"^-?\\d{1,13}\\.\\d{1,5}$"`	string

Name	Description	Schema
Currency *required*	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' **Pattern** : `"^[A-Z]{3}$"`	string

Date

Name	Description	Schema
Date *optional*	ISODate YYYY-MM-DD **Pattern** : `"^[0-9]{4}-(0[1-9]|(1[0|1|2]))- 0[1-9])|((1|2)[0-9])|(30|31$"`	string
DateTime *optional*		string (date-time)

Links

Name	Schema
first *optional*	string (uri)
last *optional*	string (uri)
next *optional*	string (uri)
prev *optional*	string (uri)
self *required*	string (uri)

2.5.4. Produces

- `application/json`

2.5.5. Security

Type	Name	Scopes
oauth2	**PSUOAuth2Security**	balances:read

2.6. Get Account Beneficiaries

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

2.6.1. Description

Get Beneficiaries related to an account

2.6.2. Parameters

Type	Name	Description	Schema
Path	**AccountId** *required*	A unique identifier used to identify the account resource.	string

2.6.3. Responses

HTTP Code	Description	Schema
200	Account Beneficiaries successfully retrieved	Beneficiaries GET response
400	Bad Request	No Content
401	Unauthorized	No Content
403	Forbidden	No Content
404	Not Found	No Content
500	Internal Server Error	No Content

Beneficiaries GET response

Name	Description	Schema
Beneficiaries *required*	Array of Beneficiaries	< Beneficiaries > array
Links *optional*		Links

Beneficiaries

Name	Description	Schema
AccountId *required*	A unique identifier used to identify the account resource. This identifier has no meaning to the account owner. **Length** : 1 - 40	string
BeneficiaryId *optional*	A unique and immutable identifier used to identify the beneficiary resource. This identifier has no meaning to the account owner. **Length** : 1 - 40	string

Name	Description	Schema
CreditorAccount *required*		CreditorAccount
CreditorReferenceInformation *optional*	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. **Length** : 1 - 35	string
Servicer *required*	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	Servicer

CreditorAccount

Name	Description	Schema
Identification *required*	Unique and unambiguous identification of the servicing institution. **Length** : 1 - 34	string
Name *required*	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. **Length** : 1 - 70	string
SchemeName *required*	Name of the identification scheme, in a coded form as published in an external list.	enum (BBAN)
SecondaryIdentification *optional*	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). **Length** : 1 - 34	string

Servicer

Name	Description	Schema
Identification *required*	Unique and unambiguous identification of the servicing institution. **Length** : 1 - 35	string
SchemeName *required*	Name of the identification scheme, in a coded form as published in an external list.	enum (BICFI, UKSortCode)

Links

Name	Schema
first *optional*	string (uri)
last *optional*	string (uri)
next *optional*	string (uri)
prev *optional*	string (uri)
self *required*	string (uri)

2.6.4. Produces

- `application/json`

2.6.5. Security

Type	Name	Scopes
oauth2	**PSUOAuth2Security**	beneficiaries:read

2.7. Get Account Direct Debits

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

2.7.1. Description

Get Direct Debits related to an account

2.7.2. Parameters

Type	Name	Description	Schema
Path	**AccountId** *required*	A unique identifier used to identify the account resource.	string

2.7.3. Responses

HTTP Code	Description	Schema
200	Account Direct Debits successfully retrieved	Direct Debits GET response
400	Bad Request	No Content
401	Unauthorized	No Content
403	Forbidden	No Content
404	Not Found	No Content
500	Internal Server Error	No Content

Direct Debits GET response

Name	Description	Schema
DirectDebits *required*	Array of Direct Debits	< DirectDebits > array
Links *optional*		Links

DirectDebits

Name	Description	Schema
AccountId *required*	A unique identifier used to identify the account resource. This identifier has no meaning to the account owner. **Length** : 1 - 40	string

Name	Description	Schema
Currency *optional*	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' **Pattern** : `"^[A-Z]{3}$"`	string
DirectDebitId *optional*	A unique and immutable identifier used to identify the direct debit resource. This identifier has no meaning to the account owner. **Length** : `1 - 40`	string
DirectDebitStatusCode *optional*	Specifies the status of the direct debit in code form.	enum (Active, Inactive)
MandateIdentification *required*	Direct Debit reference. For AUDDIS service users provide Core Reference. For non AUDDIS service users provide Core reference if possible or last used reference. **Length** : `1 - 35`	string
Name *required*	Name of Service User **Length** : `1 - 70`	string
PreviousPaymentAmount *optional*	The amount of the most recent direct debit collection.	PreviousPaymentAmount
PreviousPaymentDate *optional*	Date of most recent direct debit collection. **Pattern** : `"^[0-9]{4}-(0[1-9]|(1[0|1|2]))-  0[1-9])|((1|2)[0-9])|(30|31$"`	string

PreviousPaymentAmount

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

Links

Name	Schema
first *optional*	string (uri)
last *optional*	string (uri)
next *optional*	string (uri)

Name	Schema
prev *optional*	string (uri)
self *required*	string (uri)

2.7.4. Produces

- `application/json`

2.7.5. Security

Type	Name	Scopes
oauth2	**PSUOAuth2Security**	direct_debits:read

2.8. Get Account Standing Orders

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

2.8.1. Description

Get Standing Orders related to an account

2.8.2. Parameters

Type	Name	Description	Schema
Path	**AccountId** *required*	A unique identifier used to identify the account resource.	string

2.8.3. Responses

HTTP Code	Description	Schema
200	Account Standing Orders successfully retrieved	Standing Orders GET response
400	Bad Request	No Content
401	Unauthorized	No Content
403	Forbidden	No Content
404	Not Found	No Content
500	Internal Server Error	No Content

Standing Orders GET response

Name	Description	Schema
Links *optional*		Links
StandingOrders *required*	Array of Standing Orders	< StandingOrders > array

Links

Name	Schema
first *optional*	string (uri)
last *optional*	string (uri)
next *optional*	string (uri)

Name	Schema
prev *optional*	string (uri)
self *required*	string (uri)

StandingOrders

Name	Description	Schema
AccountId *required*	A unique identifier used to identify the account resource. This identifier has no meaning to the account owner. **Length** : `1 - 40`	string
CreditorAccount *required*	Provides the details to identify the beneficiary account.	CreditorAccount
CreditorReferenceInformation *optional*	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. **Length** : `1 - 35`	string
FinalPaymentAmount *optional*	The amount of the final Standing Order	FinalPaymentAmount
FinalPaymentDate *optional*	The date on which the final payment for a Standing Order schedule will be made. **Pattern** : `"^[0-9]{4}-(0[1-9]|(1[0|1|2]))- 0[1-9])|((1|2)[0-9])|(30|31$"`	string
FirstPaymentAmount *optional*	The amount of the first Standing Order	FirstPaymentAmount
FirstPaymentDate *optional*	The date on which the first payment for a Standing Order schedule will be made. **Pattern** : `"^[0-9]{4}-(0[1-9]|(1[0|1|2]))- 0[1-9])|((1|2)[0-9])|(30|31$"`	string

Name	Description	Schema
Frequency *required*	EvryWorkgDay - PSC070 IntrvlWkDay:PSC110:PSC080 (PSC070 code + PSC110 + PSC080) WkInMnthDay:PSC100:PSC080 (PSC070 code + PSC100 + PSC080) IntrvlMnthDay:PSC120:PSC090 (PSC070 code + PSC120 + PSC090) QtrDay: + either (ENGLISH, SCOTTISH or RECEIVED) PSC070 + PSC130 The following response codes may be generated by this data element: PSC070: T221 - Schedule code must be a valid enumeration value. PSC070: T245 - Must be provided for standing order only. PSC080: T222 - Day in week must be within defined bounds (range 1 to 5). PSC080: T229 - Must be present if Schedule Code = IntrvlWkDay. PSC080: T231 - Must be present if Schedule Code = WkInMnthDay. PSC090: T223 - Day in month must be within defined bounds (range -5 to 31 excluding: 0 & 00). PSC090: T233 - Must be present if Schedule Code = IntrvlMnthDay. PSC100: T224 - Week in month must be within defined bounds (range 1 to 5). PSC100: T232 - Must be present if Schedule Code = WkInMnthDay. PSC110: T225 - Interval in weeks must be within defined bounds (range 1 to 9). PSC110: T230 - Must be present if Schedule Code = IntrvlWkDay. PSC120: T226 - Interval in months must be a valid enumeration value (range 1 to 6, 12 and 24). PSC120: T234 - Must be present if Schedule Code = IntrvlMnthDay. PSC130: T227 - Quarter Day must be a valid enumeration value. PSC130: T235 - Must be present if Schedule Code = QtrDay. The regular expression for this element combines five smaller versions for each permitted pattern. To aid legibility - the components are presented individually here: EvryWorkgDay IntrvlWkDay:0[1-9]:0[1-5] WkInMnthDay:0[1-5]:0[1-5] IntrvlMnthDay:(0[1-6]|12|24):(-0[1-5]|0[1-9]|[12][0-9]|3[01]) QtrDay:(ENGLISH|SCOTTISH|RECEIVED) Mandatory/Conditional/Optional/Parent/Leaf: OL Type: 35 char string Regular Expression(s): (EvryWorkgDay)|(IntrvlWkDay:0[1-9]:0[1-5])|(WkInMnthDay:0[1-5]:0[1-5])|(IntrvlMnthDay:(0[1-6]|12|24):(-0[1-5]|0[1-9]|[12][0-9]|3[01]))|(QtrDay:(ENGLISH|SCOTTISH|RECEIVED)) **Pattern** : "^ EvryWorkgDay)|(IntrvlWkDay:0[1-9]:0[1-5])|(WkInMnthDay:0[1-5]:0[1-5])|(IntrvlMnthDay:(0[1-6]|12|24):(-0[1-5]|0[1-9]|[12][0-9]|3[01])|(QtrDay:(ENGLISH|SCOTTISH|RECEIVED)))$"	string
NextPayment Amount *required*	The amount of the next Standing Order	NextPaymentAmount
NextPayment Date *required*	The date on which the next payment for a Standing Order schedule will be made. **Pattern** : "^[0-9]{4}-(0[1-9]|(1[0|1|2]))- 0[1-9])|((1|2)[0-9])|(30|31$"	string

Name	Description	Schema
Servicer *required*	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	Servicer
StandingOrderId *optional*	A unique and immutable identifier used to identify the standing order resource. This identifier has no meaning to the account owner. **Length** : `1 - 40`	string

CreditorAccount

Name	Description	Schema
Identification *required*	Unique and unambiguous identification of the servicing institution. **Length** : `1 - 34`	string
Name *required*	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. **Length** : `1 - 70`	string
SchemeName *required*	Name of the identification scheme, in a coded form as published in an external list.	enum (BBAN)
SecondaryIdentification *optional*	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). **Length** : `1 - 34`	string

FinalPaymentAmount

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

FirstPaymentAmount

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

NextPaymentAmount

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

Servicer

Name	Description	Schema
Identification *required*	Unique and unambiguous identification of the servicing institution. Length : `1 - 35`	string
SchemeName *required*	Name of the identification scheme, in a coded form as published in an external list.	enum (BICFI, UKSortCode)

2.8.4. Produces

- `application/json`

2.8.5. Security

Type	Name	Scopes
oauth2	**PSUOAuth2Security**	standing_orders:read

2.9. Get Account Transactions

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

2.9.1. Description

Get transactions related to an account

2.9.2. Parameters

Type	Name	Description	Schema
Path	**AccountId** *required*	A unique identifier used to identify the account resource.	string

2.9.3. Responses

HTTP Code	Description	Schema
200	Account Transactions successfully retrieved	Account Transactions GET response
400	Bad Request	No Content
401	Unauthorized	No Content
403	Forbidden	No Content
404	Not Found	No Content
500	Internal Server Error	No Content

Account Transactions GET response

Name	Description	Schema
Links *optional*		Links
Transactions *required*	Array of Transactions	< Transactions > array

Links

Name	Schema
first *optional*	string (uri)
last *optional*	string (uri)
next *optional*	string (uri)

Name	Schema
prev *optional*	string (uri)
self *required*	string (uri)

Transactions

Name	Description	Schema
AccountId *required*	A unique identifier used to identify the account resource. This identifier has no meaning to the account owner. **Length** : `1 - 40`	string
AddressLine *optional*	Information that locates and identifies a specific address, as defined by postal services, that is presented in free format text. **Length** : `1 - 70`	string
Amount *required*	Amount of money in the cash entry.	Amount
Balance *required*	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.	Balance
BankTransactionCode *required*	Set of elements used to fully identify the type of underlying transaction resulting in an entry.	BankTransactionCode
BookingDate *optional*	Date and time when an 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.	BookingDate
CreditDebitIndicator *required*	Indicates whether the entry is a credit or a debit entry	enum (Credit, Debit)
MerchantDetails *optional*	Details of the merchant involved in the transaction.	MerchantDetails
ProprietaryBankTransactionCode *optional*	Set of elements to fully identify a proprietary bank transaction code.	ProprietaryBankTransactionCode
Status *required*	Status of an entry on the books of the account servicer	enum (Booked, Pending)
TransactionId *optional*	maxLength 40 text **Length** : `1 - 40`	string
TransactionInformation *optional*	Further details of the transaction. This is the transaction narrative, which in unstructured text. **Length** : `1 - 500`	string

Name	Description	Schema
TransactionRe ference *optional*	Unique reference for the transaction. This reference is optionally populated, and may as an example be the FPID in the Faster Payments context. **Length** : 1 - 35	string
ValueDate *optional*	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.	ValueDate

Amount

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

Balance

Name	Description	Schema
Amount *required*	Amount of money of the cash balance after a transaction entry is applied to the account..	Amount
CreditDebitIn dicator *required*	Indicates whether the balance is a credit or a debit balance. Usage: A zero balance is considered to be a credit balance.	enum (Credit, Debit)
Type *required*	Balance type, in a coded form.	enum (ClosingAvailable, ClosingBooked, ForwardAvailable, InterimAvailable, InterimBooked, OpeningAvailable, OpeningBooked, PreviouslyClosedBoo ked, Expected)

Amount

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

BankTransactionCode

Name	Description	Schema
Code *required*	Specifies the family within a domain.	string
SubCode *optional*	Specifies the sub-product family within a specific family.	string

BookingDate

Name	Description	Schema
Date *optional*	ISODate YYYY-MM-DD **Pattern** : `"^[0-9]{4}-(0[1-9]|(1[0|1|2]))- 0[1-9])|((1|2)[0-9])|(30|31$"`	string
DateTime *optional*		string (date-time)

MerchantDetails

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

ProprietaryBankTransactionCode

Name	Description	Schema
Code *required*	Proprietary bank transaction code to identify the underlying transaction. **Length** : `1 - 35`	string
Issuer *optional*	Identification of the issuer of the proprietary bank transaction code. **Length** : `1 - 35`	string

ValueDate

Name	Description	Schema
Date *optional*	ISODate YYYY-MM-DD **Pattern** : `"^[0-9]{4}-(0[1-9]|(1[0|1|2]))-  0[1-9])|((1|2)[0-9])|(30|31$"`	string
DateTime *optional*		string (date-time)

2.9.4. Produces

- `application/json`

2.9.5. Security

Type	Name	Scopes
oauth2	**PSUOAuth2Security**	transactions:read

2.10. Get Balances

```
GET /balances
```

2.10.1. Description

Get Balances

2.10.2. Responses

HTTP Code	Description	Schema
200	Balances successfully retrieved	Balances GET response
400	Bad Request	No Content
401	Unauthorized	No Content
403	Forbidden	No Content
404	Not Found	No Content
500	Internal Server Error	No Content

Balances GET response

Name	Description	Schema
Balances *required*	Array of Balances	< Balances > array
Links *optional*		Links

Balances

Name	Description	Schema
AccountId *required*	A unique identifier used to identify the account resource. This identifier has no meaning to the account owner. **Length** : 1 - 40	string
Amount *required*	Amount of money of the cash balance.	Amount
CreditDebitIndicator *required*	Indicates whether the balance is a credit or a debit balance. Usage: A zero balance is considered to be a credit balance.	enum (Credit, Debit)
CreditLine *optional*		CreditLine
Date *required*	Indicates the date (and time) of the balance.	Date

Name	Description	Schema
Type *required*	Balance type, in a coded form.	enum (ClosingAvailable, ClosingBooked, ForwardAvailable, InterimAvailable, InterimBooked, OpeningAvailable, OpeningBooked, PreviouslyClosedBooked, Expected)

Amount

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

CreditLine

Name	Description	Schema
Amount *optional*	Active Or Historic Currency Code and Amount	Amount
Included *required*		boolean
Type *optional*	Limit type, in a coded form.	string

Amount

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

Date

Name	Description	Schema
Date *optional*	ISODate YYYY-MM-DD **Pattern** : `"^[0-9]{4}-(0[1-9]|(1[0|1|2]))-  0[1-9])|((1|2)[0-9])|(30|31$"`	string
DateTime *optional*		string (date-time)

Links

Name	Schema
first *optional*	string (uri)
last *optional*	string (uri)
next *optional*	string (uri)
prev *optional*	string (uri)
self *required*	string (uri)

2.10.3. Produces

- `application/json`

2.10.4. Security

Type	Name	Scopes
oauth2	**PSUOAuth2Security**	balances:read

2.11. Get Beneficiaries

```
GET /beneficiaries
```

2.11.1. Description

Get Beneficiaries

2.11.2. Responses

HTTP Code	Description	Schema
200	Beneficiaries successfully retrieved	Beneficiaries GET response
400	Bad Request	No Content
401	Unauthorized	No Content
403	Forbidden	No Content
404	Not Found	No Content
500	Internal Server Error	No Content

Beneficiaries GET response

Name	Description	Schema
Beneficiaries *required*	Array of Beneficiaries	< Beneficiaries > array
Links *optional*		Links

Beneficiaries

Name	Description	Schema
AccountId *required*	A unique identifier used to identify the account resource. This identifier has no meaning to the account owner. **Length** : 1 - 40	string
BeneficiaryId *optional*	A unique and immutable identifier used to identify the beneficiary resource. This identifier has no meaning to the account owner. **Length** : 1 - 40	string
CreditorAccount *required*		CreditorAccount

Name	Description	Schema
CreditorReferenceInformation *optional*	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. **Length** : 1 - 35	string
Servicer *required*	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	Servicer

CreditorAccount

Name	Description	Schema
Identification *required*	Unique and unambiguous identification of the servicing institution. **Length** : 1 - 34	string
Name *required*	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. **Length** : 1 - 70	string
SchemeName *required*	Name of the identification scheme, in a coded form as published in an external list.	enum (BBAN)
SecondaryIdentification *optional*	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). **Length** : 1 - 34	string

Servicer

Name	Description	Schema
Identification *required*	Unique and unambiguous identification of the servicing institution. **Length** : 1 - 35	string

Name	Description	Schema
SchemeName *required*	Name of the identification scheme, in a coded form as published in an external list.	enum (BICFI, UKSortCode)

Links

Name	Schema
first *optional*	string (uri)
last *optional*	string (uri)
next *optional*	string (uri)
prev *optional*	string (uri)
self *required*	string (uri)

2.11.3. Produces

- `application/json`

2.11.4. Security

Type	Name	Scopes
oauth2	**PSUOAuth2Security**	beneficiaries:read

2.12. Get Direct Debits

```
GET /direct-debits
```

2.12.1. Description

Get Direct Debits

2.12.2. Responses

HTTP Code	Description	Schema
200	Direct Debits successfully retrieved	Direct Debits GET response
400	Bad Request	No Content
401	Unauthorized	No Content
403	Forbidden	No Content
404	Not Found	No Content
500	Internal Server Error	No Content

Direct Debits GET response

Name	Description	Schema
DirectDebits *required*	Array of Direct Debits	< DirectDebits > array
Links *optional*		Links

DirectDebits

Name	Description	Schema
AccountId *required*	A unique identifier used to identify the account resource. This identifier has no meaning to the account owner. **Length** : `1 - 40`	string
Currency *optional*	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' **Pattern** : `"^[A-Z]{3}$"`	string
DirectDebitId *optional*	A unique and immutable identifier used to identify the direct debit resource. This identifier has no meaning to the account owner. **Length** : `1 - 40`	string

Name	Description	Schema
DirectDebitSt atusCode *optional*	Specifies the status of the direct debit in code form.	enum (Active, Inactive)
MandateIdent ification *required*	Direct Debit reference. For AUDDIS service users provide Core Reference. For non AUDDIS service users provide Core reference if possible or last used reference. **Length** : `1 - 35`	string
Name *required*	Name of Service User **Length** : `1 - 70`	string
PreviousPaym entAmount *optional*	The amount of the most recent direct debit collection.	PreviousPaymentAm ount
PreviousPaym entDate *optional*	Date of most recent direct debit collection. **Pattern** : `"^[0-9]{4}-(0[1-9]|(1[0|1|2]))- 0[1-9])|((1|2)[0-9])|(30|31$"`	string

PreviousPaymentAmount

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

Links

Name	Schema
first *optional*	string (uri)
last *optional*	string (uri)
next *optional*	string (uri)
prev *optional*	string (uri)
self *required*	string (uri)

2.12.3. Produces

- `application/json`

2.12.4. Security

Type	Name	Scopes
oauth2	**PSUOAuth2Security**	direct_debits:read

Type	Name	Scopes
oauth2	**PSUOAuth2Security**	direct_debits:read

2.13. Get Standing Orders

```
GET /standing-orders
```

2.13.1. Description

Get Standing Orders

2.13.2. Responses

HTTP Code	Description	Schema
200	Standing Orders successfully retrieved	Standing Orders GET response
400	Bad Request	No Content
401	Unauthorized	No Content
403	Forbidden	No Content
404	Not Found	No Content
500	Internal Server Error	No Content

Standing Orders GET response

Name	Description	Schema
Links *optional*		Links
StandingOrders *required*	Array of Standing Orders	< StandingOrders > array

Links

Name	Schema
first *optional*	string (uri)
last *optional*	string (uri)
next *optional*	string (uri)
prev *optional*	string (uri)
self *required*	string (uri)

StandingOrders

Name	Description	Schema
AccountId *required*	A unique identifier used to identify the account resource. This identifier has no meaning to the account owner. **Length** : `1 - 40`	string
CreditorAccount *required*	Provides the details to identify the beneficiary account.	CreditorAccount
CreditorReferenceInformation *optional*	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. **Length** : `1 - 35`	string
FinalPayment Amount *optional*	The amount of the final Standing Order	FinalPaymentAmount
FinalPayment Date *optional*	The date on which the final payment for a Standing Order schedule will be made. **Pattern** : `"^[0-9]{4}-(0[1-9]|(1[0|1|2]))- 0[1-9])|((1|2)[0-9])|(30|31$"`	string
FirstPayment Amount *optional*	The amount of the first Standing Order	FirstPaymentAmount
FirstPayment Date *optional*	The date on which the first payment for a Standing Order schedule will be made. **Pattern** : `"^[0-9]{4}-(0[1-9]|(1[0|1|2]))- 0[1-9])|((1|2)[0-9])|(30|31$"`	string

Name	Description	Schema
Frequency *required*	EvryWorkgDay - PSC070 IntrvlWkDay:PSC110:PSC080 (PSC070 code + PSC110 + PSC080) WkInMnthDay:PSC100:PSC080 (PSC070 code + PSC100 + PSC080) IntrvlMnthDay:PSC120:PSC090 (PSC070 code + PSC120 + PSC090) QtrDay: + either (ENGLISH, SCOTTISH or RECEIVED) PSC070 + PSC130 The following response codes may be generated by this data element: PSC070: T221 - Schedule code must be a valid enumeration value. PSC070: T245 - Must be provided for standing order only. PSC080: T222 - Day in week must be within defined bounds (range 1 to 5). PSC080: T229 - Must be present if Schedule Code = IntrvlWkDay. PSC080: T231 - Must be present if Schedule Code = WkInMnthDay. PSC090: T223 - Day in month must be within defined bounds (range -5 to 31 excluding: 0 & 00). PSC090: T233 - Must be present if Schedule Code = IntrvlMnthDay. PSC100: T224 - Week in month must be within defined bounds (range 1 to 5). PSC100: T232 - Must be present if Schedule Code = WkInMnthDay. PSC110: T225 - Interval in weeks must be within defined bounds (range 1 to 9). PSC110: T230 - Must be present if Schedule Code = IntrvlWkDay. PSC120: T226 - Interval in months must be a valid enumeration value (range 1 to 6, 12 and 24). PSC120: T234 - Must be present if Schedule Code = IntrvlMnthDay. PSC130: T227 - Quarter Day must be a valid enumeration value. PSC130: T235 - Must be present if Schedule Code = QtrDay. The regular expression for this element combines five smaller versions for each permitted pattern. To aid legibility - the components are presented individually here: EvryWorkgDay IntrvlWkDay:0[1-9]:0[1-5] WkInMnthDay:0[1-5]:0[1-5] IntrvlMnthDay:(0[1-6]|12|24):(-0[1-5]|0[1-9]|[12][0-9]|3[01]) QtrDay:(ENGLISH|SCOTTISH|RECEIVED) Mandatory/Conditional/Optional/Parent/Leaf: OL Type: 35 char string Regular Expression(s): (EvryWorkgDay)|(IntrvlWkDay:0[1-9]:0[1-5])|(WkInMnthDay:0[1-5]:0[1-5])|(IntrvlMnthDay:(0[1-6]|12|24):(-0[1-5]|0[1-9]|[12][0-9]|3[01]))|(QtrDay:(ENGLISH|SCOTTISH|RECEIVED)) **Pattern** : `"^ EvryWorkgDay)|(IntrvlWkDay:0[1-9]:0[1-5])|(WkInMnthDay:0[1-5]:0[1-5])|(IntrvlMnthDay:(0[1-6]|12|24):(-0[1-5]|0[1-9]|[12][0-9]|3[01]|(QtrDay:(ENGLISH|SCOTTISH|RECEIVED)))$"`	string
NextPayment Amount *required*	The amount of the next Standing Order	NextPaymentAmount
NextPayment Date *required*	The date on which the next payment for a Standing Order schedule will be made. **Pattern** : `"^[0-9]{4}-(0[1-9]|(1[0|1|2]))- 0[1-9])|((1|2)[0-9])|(30|31$"`	string

Name	Description	Schema
Servicer *required*	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	Servicer
StandingOrderId *optional*	A unique and immutable identifier used to identify the standing order resource. This identifier has no meaning to the account owner. **Length** : `1 - 40`	string

CreditorAccount

Name	Description	Schema
Identification *required*	Unique and unambiguous identification of the servicing institution. **Length** : `1 - 34`	string
Name *required*	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. **Length** : `1 - 70`	string
SchemeName *required*	Name of the identification scheme, in a coded form as published in an external list.	enum (BBAN)
SecondaryIdentification *optional*	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). **Length** : `1 - 34`	string

FinalPaymentAmount

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

FirstPaymentAmount

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

NextPaymentAmount

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

Servicer

Name	Description	Schema
Identification *required*	Unique and unambiguous identification of the servicing institution. Length : `1 - 35`	string
SchemeName *required*	Name of the identification scheme, in a coded form as published in an external list.	enum (BICFI, UKSortCode)

2.13.3. Produces

- `application/json`

2.13.4. Security

Type	Name	Scopes
oauth2	**PSUOAuth2Security**	standing_orders:read

2.14. Get Transactions

```
GET /transactions
```

2.14.1. Description

Get Transactions

2.14.2. Responses

HTTP Code	Description	Schema
200	Transactions successfully retrieved	Account Transactions GET response
400	Bad Request	No Content
401	Unauthorized	No Content
403	Forbidden	No Content
404	Not Found	No Content
500	Internal Server Error	No Content

Account Transactions GET response

Name	Description	Schema
Links *optional*		Links
Transactions *required*	Array of Transactions	< Transactions > array

Links

Name	Schema
first *optional*	string (uri)
last *optional*	string (uri)
next *optional*	string (uri)
prev *optional*	string (uri)
self *required*	string (uri)

Transactions

Name	Description	Schema
AccountId *required*	A unique identifier used to identify the account resource. This identifier has no meaning to the account owner. **Length** : 1 - 40	string
AddressLine *optional*	Information that locates and identifies a specific address, as defined by postal services, that is presented in free format text. **Length** : 1 - 70	string
Amount *required*	Amount of money in the cash entry.	Amount
Balance *required*	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.	Balance
BankTransactionCode *required*	Set of elements used to fully identify the type of underlying transaction resulting in an entry.	BankTransactionCode
BookingDate *optional*	Date and time when an 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.	BookingDate
CreditDebitIndicator *required*	Indicates whether the entry is a credit or a debit entry	enum (Credit, Debit)
MerchantDetails *optional*	Details of the merchant involved in the transaction.	MerchantDetails
ProprietaryBankTransactionCode *optional*	Set of elements to fully identify a proprietary bank transaction code.	ProprietaryBankTransactionCode
Status *required*	Status of an entry on the books of the account servicer	enum (Booked, Pending)
TransactionId *optional*	maxLength 40 text **Length** : 1 - 40	string
TransactionInformation *optional*	Further details of the transaction. This is the transaction narrative, which in unstructured text. **Length** : 1 - 500	string
TransactionReference *optional*	Unique reference for the transaction. This reference is optionally populated, and may as an example be the FPID in the Faster Payments context. **Length** : 1 - 35	string

Name	Description	Schema
ValueDate *optional*	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.	ValueDate

Amount

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

Balance

Name	Description	Schema
Amount *required*	Amount of money of the cash balance after a transaction entry is applied to the account..	Amount
CreditDebitIndicator *required*	Indicates whether the balance is a credit or a debit balance. Usage: A zero balance is considered to be a credit balance.	enum (Credit, Debit)
Type *required*	Balance type, in a coded form.	enum (ClosingAvailable, ClosingBooked, ForwardAvailable, InterimAvailable, InterimBooked, OpeningAvailable, OpeningBooked, PreviouslyClosedBooked, Expected)

Amount

Name	Description	Schema
Amount *required*	**Pattern** : `"^-?\\d{1,13}\\.\\d{1,5}$"`	string

Name	Description	Schema
Currency *required*	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' **Pattern** : `"^[A-Z]{3}$"`	string

BankTransactionCode

Name	Description	Schema
Code *required*	Specifies the family within a domain.	string
SubCode *optional*	Specifies the sub-product family within a specific family.	string

BookingDate

Name	Description	Schema
Date *optional*	ISODate YYYY-MM-DD **Pattern** : `"^[0-9]{4}-(0[1-9]|(1[0|1|2]))- 0[1-9])|((1|2)[0-9])|(30|31$"`	string
DateTime *optional*		string (date-time)

MerchantDetails

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

ProprietaryBankTransactionCode

Name	Description	Schema
Code *required*	Proprietary bank transaction code to identify the underlying transaction. **Length** : `1 - 35`	string
Issuer *optional*	Identification of the issuer of the proprietary bank transaction code. **Length** : `1 - 35`	string

ValueDate

Name	Description	Schema
Date *optional*	ISODate YYYY-MM-DD **Pattern** : `"^[0-9]{4}-(0[1-9]|(1[0]|1|2]))-  0[1-9])|((1|2)[0-9])|(30|31$"`	string
DateTime *optional*		string (date-time)

2.14.3. Consumes

- `application/json`

2.14.4. Produces

- `application/json`

2.14.5. Security

Type	Name	Scopes
oauth2	**PSUOAuth2Security**	transactions:read

3. Security

3.1. TPPOAuth2Security

TPP client credential authorisation flow with the ASPSP

Type : oauth2
Flow : application
Token URL : /token

Name	Description
tpp_client_credential	TPP Client Credential Scope

3.2. PSUOAuth2Security

OAuth flow, it is required when the PSU needs to perform SCA with the ASPSP when a TPP wants to access an ASPSP resource owned by the PSU

Type : oauth2
Flow : accessCode
Token URL : /authorization
Token URL : /token

Name	Description
account_request:read	Ability to read account-request information
accounts:read	Ability to read basic account information
balances:read	Ability to read balance information
beneficiaries:read	Ability to read basic beneficiary details
direct_debits:read	Ability to read direct debit information
standing_orders:read	Ability to read standing order information
transactions:read	Ability to read basic transaction information
product:read	Ability to read product information relating to the account