

Perform transactions on etfs in a secure fashion, automating the trade workflow by retrieving trades, retrieving funds, subscribing to funds, modifying and deleting subscriptions for entitled etf products only.

TAGS: create, etf, redeem,

ENDPOINT: Transactions

ENDPOINT DESCRIPTION:

Returns transactions for a specific trade identified by its id that the AP is authorized to view

PROD URL: <https://api.seic.com/v1/authorizedParticipant/transactions/{id}>

TEST URL: <https://test.api.seic.com/v1/authorizedParticipant/transactions/{id}>

TLS URL*: <https://mtls.api.seic.com/v1/authorizedParticipant/transactions/{id}>

*The TLS endpoint is only used if Server Based Application was selected during the App Registration process.

STEP 1

OAuth Token

STEP 2

Pass the OAuth Token and the App Key to invoke this endpoint for a particular application.

REQUEST PARAMETERS:

Name	Description	Data Type	Parameter Type
Authorization	access_token value obtained from the Token endpoint.This is passed as "Bearer access_token"	string	header
AppKey	This is the Consumer Key provided during the App Registration process and is used to identify the user's application.	string	header
id	SIDCO assigned Trade ID	string	template
X-SEIC-FIRM-PIN	The firm PIN.	string	header
X-SEIC-CURRENT-USER-CONTEXT	Email address of the user authenticated into the application to view data.	string	header

SAMPLE REQUEST:

```
curl -X GET \  
  https://api.seic.com/v1/authorizedParticipant/transactions/1234560\  
  -H 'AppKey: gsedgaerhDSHGRSH' \  
  -H 'Authorization: Bearer ADsgdnnkjnfIKJN' \  
  -H 'X-SEIC-CURRENT-USER-CONTEXT: john.doe@seic.com' \  
  -H 'X-SEIC-FIRM-PIN: A2BCD'
```

REQUEST HEADER:

X-SEIC-CURRENT-USER-CONTEXT: registereduser@seic.com
X-SEIC-FIRM-PIN: 1DFRD
appkey: gsedgaerhDSHGRSH
authorization: Bearer ADsgdnnkjnfIKJN

RESPONSE PAYLOAD MODEL:

Name	Description	Data Type(L)
cashOption	Selected to place a cash trade in a in-kind fund. This option is not available for all funds.	string
cusip	A symbol used by the Authorized Participant to identify ETF basket securities in a domestic fixed income ETF that the Authorized Participant can not deliver in-kind.	string
externalTradeld	A trade ID provided by the Authorized Participant and returned in the response.	string
fundTicker	A ticker symbol is used to place trade orders for a specific ETF. The value of this function is not case- sensitive.	string
hasAssistedTrades	Selected when an Authorized Participant cannot deliver all of the ETF basket securities for a domestic ETF. The value of this function is not case- sensitive.	string
hasCashInLieuTrades	Selected when an Authorized Participant can not deliver all of the ETF basket securities for a foreign ETF.	string
isin	A symbol used by the Authorized Participant to identify ETF basket securities in a foreign fixed income ETF that the Authorized Participant can not deliver in-kind.	string
numberOfShares	The quantity of ETF shares.	string
numberOfUnits	The quantity of ETF creation units.	string
orderDate	The date and time that this request has been made,	string
sedol	The Stock Exchange Daily Official List (SEDOL) is a list of security identifiers used in the United Kingdom and Ireland for clearing purposes.	string
settleDate	The date the lot was settled.	string
ticker	A ticker symbol used to identify a stock.	string
tradeDate	The date the trade order is executed.	string
tradeld	A unique SEI generated transaction ID for each trade order.	string
tradeName	The unique ID that refers to a user.	string
tradeStatus		string
transactionType	Describes the type of transaction.	string

RESPONSE ERRORS:

Name	Description
200	OK- The request has succeeded and the response has been returned.
400	Bad request - The server cannot or will not process the request due to an inaccurate request submitted by the client application. Please resubmit the request after making the required corrections indicated in the error response. For more Info on SEI Error Standards please refer to the API Standards FAQ under Support.
401	Unauthorized - Invalid authentication details have been provided. Also useful to trigger an authorization pop up if the API is used from a browser.
403	Forbidden-The SEI Server understood the request but refuses to fulfill it.
404	Not Found- The requested resource or the underlying resource does not exist. Please resubmit the request after making the required corrections

500

Internal Server Error - The server was unable to fulfill the request due to an unknown condition. Please contact SEI for support. For More Info please refer to the "Response & Errors" FAQ under support.

SAMPLE RESPONSE:

```
{
  "data": {
    "orderDate": "2020-04-02T14:50:52",
    "tradeDate": "2020-04-02T14:50:52",
    "cusip": null,
    "ticker": null,
    "sedol": null,
    "isin": null,
    "externalTradeId": null,
    "hasAssistedTrades": false,
    "hasCashInLieuTrades": false,
    "hasNsccCusip": false,
    "tradeId": 11111,
    "fundTicker": "ABCD",
    "transactionType": "Create",
    "cashOption": false,
    "numberOfUnits": 25,
    "numberOfShares": 1250000,
    "settleDate": "2020-04-04T01:19:25",
    "tradeStatus": "Submitted",
    "tradeName": "Smith, John",
    "nsccCusip": null
  }
}
```

RESPONSE HEADER:

```
Content-Type: application/json
Status: 200 OK
requesttrackingid: 67e1ff68-164f-03ad-0f2d-5cbbfda56ec9
```