

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: Trades

ENDPOINT DESCRIPTION:

Returns all the existing trades for different products that the AP is authorized to view.

PROD URL: <https://api.seic.com/v1/authorizedParticipant/trades>

TEST URL: <https://test.api.seic.com/v1/authorizedParticipant/trades>

TLS URL*: <https://mtls.api.seic.com/v1/authorizedParticipant/trades>

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

STEP 1

OAuth Token

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
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/trades \  
  -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: john.doe@seic.com  
X-SEIC-FIRM-PIN: A2BCD
```

appkey: gsedgaerhDSHGRSH
 authorization: Bearer ADsgdnnkjnfIKJN

RESPONSE PAYLOAD MODEL:

Name	Description	Data Type(L)
hasCashInLieuTrades	Selected when an Authorized Participant can not deliver all of the ETF basket securities for a foreign ETF.	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
numberOfShares	The quantity of ETF shares.	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
externalTradeId	A trade ID provided by the Authorized Participant and returned in the response.	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
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
cashOption	Selected to place a cash trade in a in-kind fund. This option is not available for all funds.	string
numberOfUnits	The quantity of ETF creation units.	string
orderDate	The date the trade order is placed.	string
sedol	A symbol used by the Authorized Participant to identify ETF basket securities in a foreign equity ETF that the Authorized Participant can not deliver in-kind.	string
settleDate	The date the trade settled. The buyer and seller will exchange cash and/or assets.	string
ticker	A symbol used by the Authorized Participant to identify ETF basket securities in a domestic equity ETF that the Authorized Participant can not deliver in-kind.	string
tradeDate	The date the trade order is executed.	string
transactionType	Describes the type of transaction. Valid values are create and redeem.	string
tradeName	The unique ID that refers to a user.	string
tradeStatus	Describes the status of the trade order. Valid values are submitted, pending approval and cancelled.	string
tradeId	A unique SEI generated transaction ID for each trade order.	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": "2019-05-17T11:25:41",
      "tradeDate": "2019-05-17T11:25:41",
      "cusip": null,
      "ticker": null,
      "sedol": null,
      "isin": null,
      "externalTradeId": null,
      "hasAssistedTrades": false,
      "hasCashInLieuTrades": false,
      "hasNsccCusip": false,
      "tradeId": 418092,
      "fundTicker": "ABCD",
      "transactionType": "Create",
      "cashOption": false,
      "numberOfUnits": 100,
      "numberOfShares": 5000000,
      "settleDate": "2019-05-20T00:00:00",
      "tradeStatus": "Submitted",
      "tradeName": "ABCD@seic.com",
      "nsccCusip": null
    }
  ],
  "paging": {
    "totalCount": 4,
    "limit": 1,
    "first": "https://api.seic.com/v1/authorizedParticipant/trades?LIMIT=1&before=NDA40TQy&after=NDA40TQy",
    "last": "https://api.seic.com/v1/authorizedParticipant/trades?LIMIT=1&before=NDA40TM3&after=NDA40TM3",
    "previous": "https://api.seic.com/v1/authorizedParticipant/trades?LIMIT=1&before={}&after={}",
    "next": "https://api.seic.com/v1/authorizedParticipant/trades?LIMIT=1&before=NDA40TQx&after=NDA40TQx",
    "self": "https://api.seic.com/v1/authorizedParticipant/trades?LIMIT=1"
  }
}
```

RESPONSE HEADER:

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