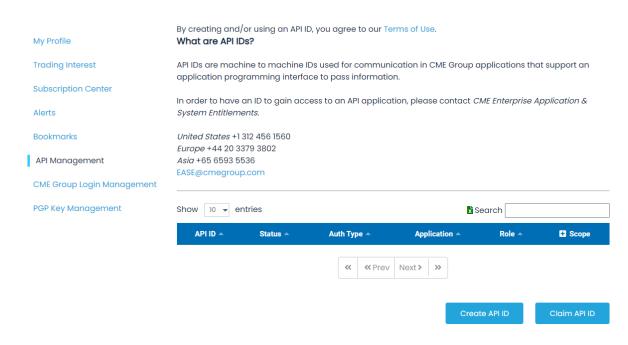
Canadian Trade Repository - API Creation

In the production environment, go to your Customer Center and access My Profile by opening the menu under this icon:

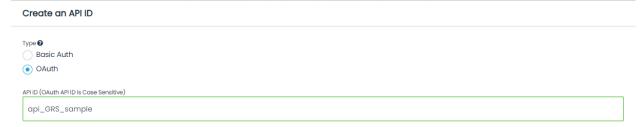


Access the "API Management" menu, and select the "Create API ID" option.

My Account 6



Select OAuth as the type, and enter an ID you would like in the API ID (it can be any alpha-numeric value, but be mindful that it is case sensitive and will need to match directly in your API call).



After clicking create, you will be given a password/secret. Please keep this value saved securely and exactly as it is displayed, this will be needed for the API call.



At this point, please email the CME team, who will take this API and grant it the proper permissions. This process is not instantaneous and may take up to a day or two. The CME team will follow up with you once the permissions are granted and effective. The first step below, generating the token, does not require these permissions and can be tested immediately upon API creation.

Canadian Trade Repository - API Development Details

Generate Auth Token

To generate auth token you will need API ID and Secret.

Token URL	NR: https://idpservicenr.cmegroup.com/v1/token PROD: https://idpservice.cmegroup.com/v1/token
Request Type	POST
Request Body	client_secret= <api_secret> client_id=<api_id> grant_type=client_credentials</api_id></api_secret>

Curl Command

```
curl --request POST <URL>
-d 'client_secret=<API_SECRET>' \
-d 'client_id=<API_ID>' \
-d 'grant_type=client_credentials'
```

CTR WS Endpoints - Submission

Submission URL

NR:

https://posttrade.api.uat.cmegroup.com/ctr/datacapture-service/submitCSV/<ASSET_CLASS>

PROD: https://posttrade.api.cmegroup.com/ctr/datacapture-service/submitCSV/<ASSET_CLASS>

Valid ASSET_CLASS VALUES: CDS, IRS, FX, EQUITY, CMDTY

Http Header parameter s

REQUEST TYPE: POST

Parameter Name	Value		
Authorization	Bearer < 0 Auth 2 Token >		
Content-Type	text/csv		

Http Response

Http Response Code	Message	Description
200 OK	Success	User will receive this message upon successful submission
500 INTERNAL SERVER ERROR	Error occurred while processing the request	User will receive this message when something went wrong at application side, like system error, app not able to connect to DB etc
401 Unauthorized	Invalid TokenToken Expired	Either Token is invalid or Token in expired.

cURL Command

```
curl -k --location --request POST 'https://posttrade.api.dev.gcp.cme.com/sdr/submitCSV/EQUITY' \
   --header 'Authorization: Bearer <TOKEN>' \
   --header 'ActiveLEI: <LEI>' \
   --form 'file=@"<FULLY_DUALIFIED_FILE_NAME>"'
```