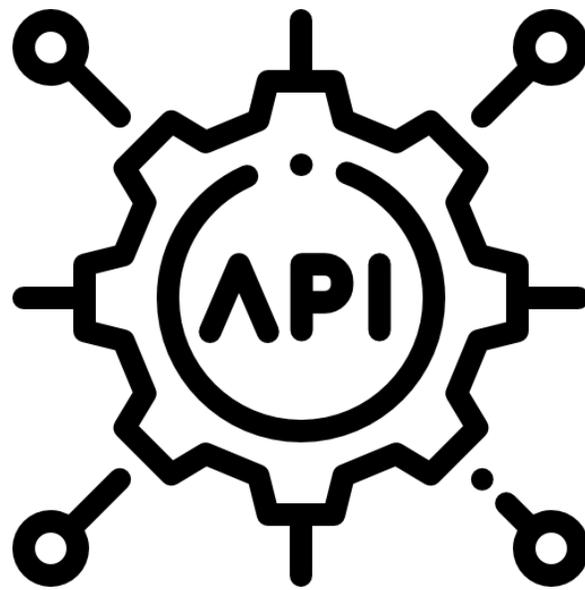


ThoughtTrace Admin Guide



API Access

Welcome to the ThoughtTrace API

Overview

This document outlines how to access the ThoughtTrace platform API to read and write data to and from a ThoughtTrace workspace.

API Documentation

ThoughtTrace APIs are documented using OpenAPI Specification. You can find these specifications at the following URLs:

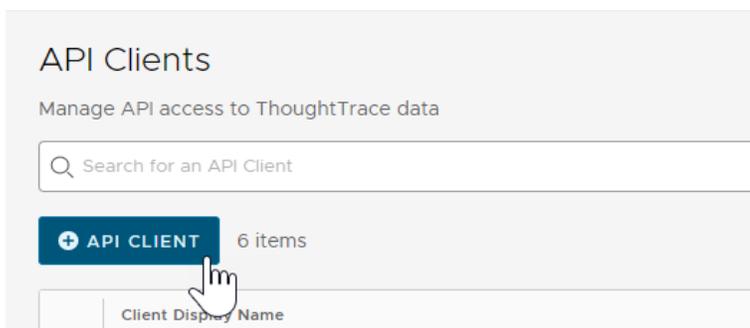
- ThoughtTrace API
 - <https://api.thoughttrace.com/swagger/index.html>
- ThoughtTrace IdP API (Used for maintaining user access and security)
 - <https://identity.thoughttrace.com/swagger/index.html>

API Access

ThoughtTrace APIs are secured using OAuth 2.0 bearer tokens, or simply **access tokens**. Each request to ThoughtTrace APIs requires an **Authorization** header with a valid bearer token. Access tokens can be acquired by sending a request to the ThoughtTrace IdP API, outlined below.

Create an API Client

To acquire an access token, an API client is required. A client consists of an **ID** and a **secret**. To create a client, access the admin menu within ThoughtTrace and select “API Clients” underneath “Access”



Click the add client button, give the client a name and click “create”. (This name will be displayed as the “who” of any operations that are performed. For example, any documents uploaded by the “My Example Client” client will show that “My Example Client” was the “person” that uploaded the document.)



ThoughtTrace API Continued

A client ID and client secret will be displayed. Keep these values in a secure location, like a password manager or key vault. It's also important to save the secret immediately, as it will only be displayed to you when you create it. (However, if you lose your secret, you can generate a new one!)

Status	Actions
Active	<input type="button" value="DEACTIVATE"/> <input type="button" value="NEW SECRET"/>
Active	<input type="button" value="DEACTIVATE"/> <input type="button" value="NEW SECRET"/>

Request an Access Token

Once you have an access token, send a POST to <https://identity.thoughttrace.com/connect/token>, passing the following key/value pairs as form data:

client_id : your client ID

client_secret : your client secret

grant_type : client_credentials

You will receive a response back with a JSON object with an access_token property. This is your access token. Notice also that there is a expires_in property. This is the number of seconds that the access token is valid. After this time has elapsed, the access token will no longer be valid, and you will need to request a new token.

Using an Access Token

When calling a ThoughtTrace API endpoint, simply provide an Authorization header and set the value to "bearer your_access_token".

