6.8.1 Third Party Testing Approach

This article to propose an approach for 3rd Party Testing to CDCB.

Get token by Postman

To access the API, the user needs to get a token. After getting the token, we can use that token to test the APIs in Web connect.

The Swagger API Documentation link

API Service	Links
Web application	https://webconnect.uscdcb.com/docs
Data Exchange	https://webconnect.uscdcb.com/api/data-exchange/docs
ETL process	https://webconnect.uscdcb.com/api/etl/docs

Account

- Username: thirdparty
- Password: Tma@cbcb123

There're 2 types of token:

- For Public Users: to APIs in public pages.
- For Register Users: to APIs in pages required logging in.

Public Users

1. With the Public Users, they need to send a request to api/auth/public-token.

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2. The result returns the token, then we can use this token to test the APIs.

Registered Users

With the Registered Users, they need to send a request to api/auth/login. Before we send a request we need to encode the password by using **Base64**.

Please see example below using Postman:

Step 1: Import Enviroment CDCB to Postman



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MANAGE ENVIRONMENTS

An environment is a set of variables that allow you to switch the context of your requests. Environments can be shared between multiple workspaces.Learn more about environments

You can declare a variable in an environment and give it a starting value, then use it in a request by putting the variable name within curly-braces. Create an environment to get started.

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MANAGE ENVIRONMENTS

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• Step 2: Setup login request with post method, input {{endcodePassword}} (the variable that defined above) to "password" property:

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• **Step 3**: Add tab Pre-request Script, add code encode base64 as below:

<pre>const password = pm.environment.get("password"); const pwEncode = btoa(password); pm.environment.set("endcodePassword", pwEncode);</pre>		
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• Step 4: Add tab Tests, get response assigned to regToken

<pre>if(responseCode.code === 200){ const jsonData = JSON.parse(responseBody) pm.environment.set("regToken", jsonData.token) }</pre>				
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• Step 5: The result returns the token, then we can use this token to test the APIs.

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