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API Client Setup Guidelines

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# Introduction

The current document contains all introductory guidelines to setup the REST API client (Postman) and run test cases by using collections of requests in a test environment.

# Login

1. Open the Postman API client and press button “Import”.

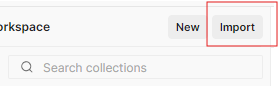


Image 1. Collection import.

1. Click on “Select files” and load file “GR AES.postman\_collection.json”.

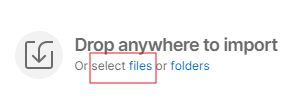


Image 2. Collection file loading.

1. Select API request **POST Login TP export**.

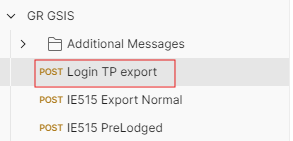


Image 3. Login API request selection.

1. Press button “Send”.



Image 4. Login API request submission.

1. If the Login API request was executed successfully, you will then receive an access token.

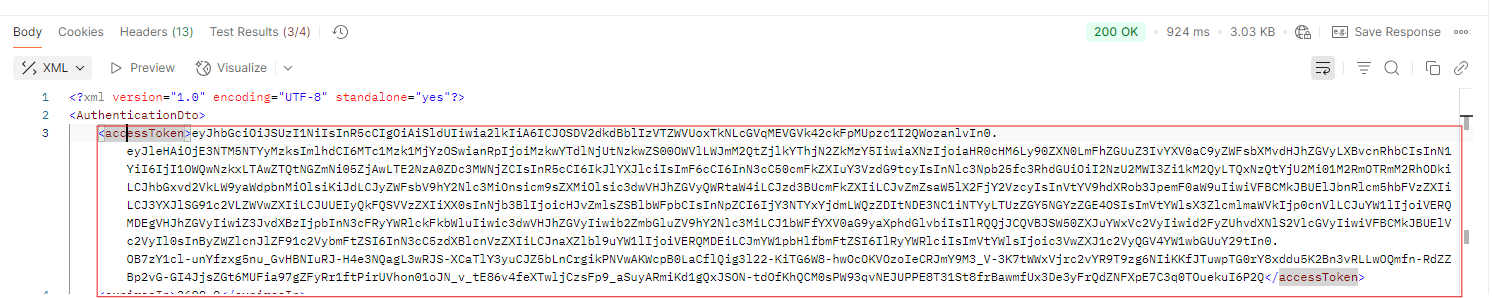


Image 5.Access token example.

1. Note or copy the access token you received as a response to the Login API request. You will use this token when submitting an Information Exchange during test cases runs.

# Information Exchange Submission

1. Select an API request based on the Information Exchange you want to use in specific a test case run (e.g. **IE515 Export Normal**).

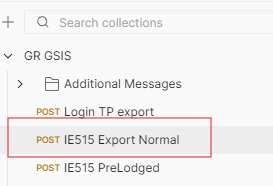


Image 6. API request selection for a test case run.

1. Inside tab Authorization, select **Auth Type** “Bearer Token” and insert the access token discussed in the previous section.

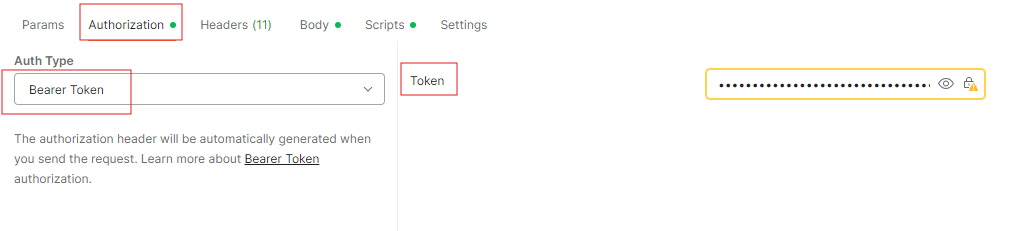


Image 7. Authorization tab settings.

1. Inside tab Body:

* Select option **raw**.
* Select **XML** from the drop-down menu.
* Insert the XML of the Information Exchange you want to validate against the AES XSDs.

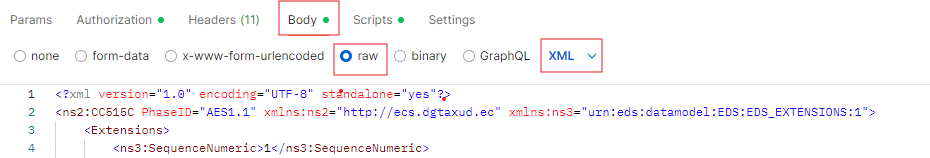


Image 8. Body tab settings.

1. Following the entry of all related data, press button **Send** in order to submit the Information Exchange.



Image 9. API request submission for a test case run.

# Remarks

* If you received error code **400** as a result in a test case run, this means that your Information Exchange is not setup correctly or its missing required data.
* If you received error code **401** as a result in a test case run, this means that the authentication of the test case was unsuccessful. Please check that the username and password you provided are correct. You will need to perform steps of Section **Login** again in order to receive a new access token.
* If you received error code **500** as a result in a test case run, this indicates a server error. In this case you will have to re-run the test case after a while.
* Access tokens have a limited lifecycle. Following the end of this lifecycle, tokens become expired and you will have to perform steps of Section **Login** again.