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March 10, 2022 Sudarshan Patwardhan

SAP Tech

OAuth 2.0 | Postman to SAP CPI

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Overview

The article shows the process of accessing an SAP CPI endpoint from the Postman client using **OAuth 2.0** as an Authorization mechanism.

Prerequisites

- Roles to design, deploy and monitor integration artifacts in SAP CI.
- An [instance of Process Integration Runtime and Its Service Key](#).

Mocking a receiver

For the demo, I have created a simple integration flow to a mock receiver in SAP CPI. It uses an **HTTPS sender adapter** and a **Content Modifier** whose body is set to ***"This is a dummy receiver used for testing"*** (*This will be the response that we will be expecting at the end of the demo*). The **endpoint** obtained by deploying the integration artifact looks as shown below.

Step 1: Copy the endpoint and keep it handy to use as described in further steps.

Getting new Access Token

Step 2: Open **POSTMAN**. Create a new request with the type **GET**.

Paste the endpoint copied in **Step 1** into the **request URL**.

Under **Authorization**, choose Type as **OAuth 2.0**.

Scroll down to the " **Configure New Token** " section.

Fill in the details against the fields listed. The details can be obtained by following [these](#) (Step 10) steps.

Token Name: Any Valid name.

Grant Type: *Client Credentials*.

Access Token URL : tokenurl .



Client ID : *clientId* .

Client Secret: client secret.

Client Authentication: *Send as Basic Auth header*.

Click on **Get New Access Token**.

Using the OAuth 2.0 Token

Step 3: You will get the Token as below. Click on **Use Token**.

Token gets added to the **Access Token** field.

Step 4: Leave header prefix as Bearer. Click on **Send**.

You should get the expected response. In my case, I am getting the content set in Content Modifier as a response.

You can also select **Password credentials** as **Grant Type** in **Step 2** and provide the *user name* and *password* in the respective fields. But to get the token successfully, the **Password credentials** must be included while creating an instance as described [here](#).

Final Verdict

In conclusion, I hope you enjoyed reading this article on “**OAuth 2.0 | Postman to SAP CPI**”, If yes, then don't forget to spread the word about it. Do send the feedback to know more about it. Signing off sudarshanpatwardhan@gmail.com

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