Practical Exercise: Subscribing to APIs

Training Objective
Learn how to subscribe to the APIs using the API Devportal.

Business Scenario
After PizzaShack successfully publishes the APIs other partners who would like to use the PizzaShackAPIs as a base can open the API Devportal and check its contents and subscribe to the API if interested.
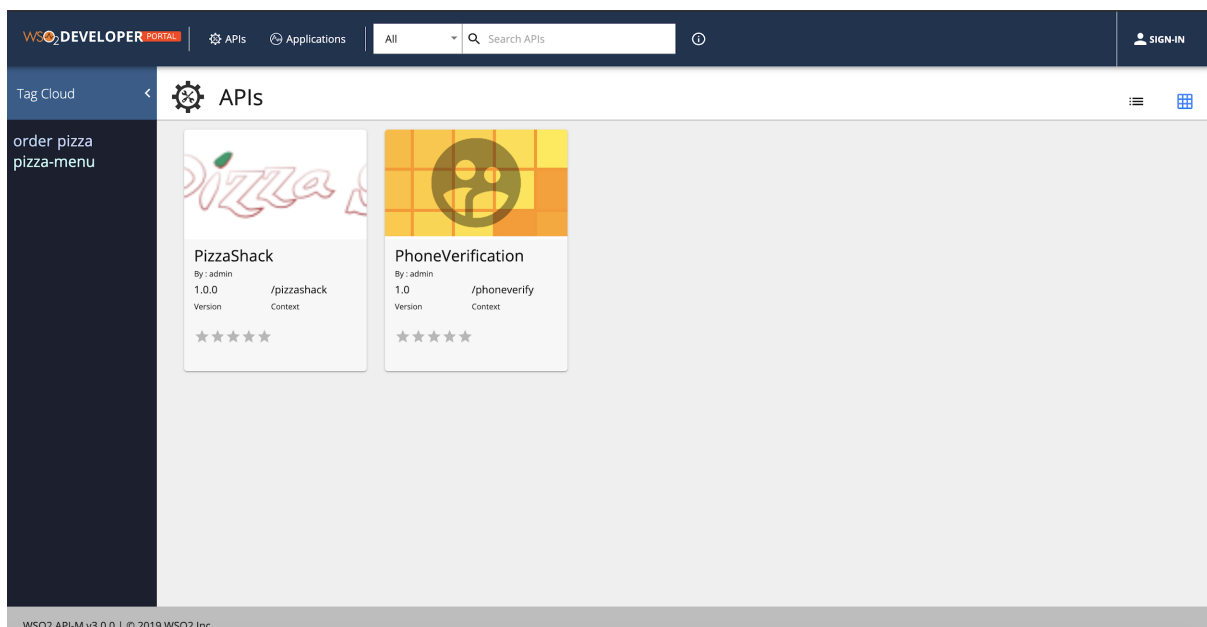
High Level Steps
- Browse the Devportal
- Define users via self-registration
- Subscribe to APIs

Detailed Instructions

Browse the Devportal

1. To view the API Devportal contents, open the following
URL:https://localhost:9443/devportal

When a user connects to the API Devportal for the first time, they can self-register.

2. Click **Sign In** and then click **Create Account** to add a new user.

3. Provide a username and then click **Proceed to Self Register**
4. Fill in the fields as required and click **Submit**.

   The **subscriber** role is already defined out of the box, as it is used in the self-registration process.

5. Once the Self Registration is completed, login to the Devportal with the above user.

You can search API by their name, context, version or by clicking on the tags to the left. You can also test the API from the API Console. Make sure to subscribe to the APIs to obtain a security token to be able to test the API.

Subscribe to an API

As a consumer, you can subscribe to an API by following those steps:

1. Log in to the store using the user created in the above exercise. You can now see additional information for the API, and set ratings and provide comments.
2. Go to **Applications**, click **ADD NEW APPLICATION** and create a PizzaShack application with the following information.

Field	Value
Application Name	PizzaShack

Per Token Quota	Unlimited
Application Description	PizzaShack Application

3. After the application is created then go to the Subscriptions tab and subscribe to the **PizzaShack** API.

4. Then go to the **Production Keys** tab and then to **OAuth2 Tokens** tab and click **GENERATE KEYS.**
5. Copy the generated Access Token.

You have now successfully subscribed to the API and can start using it.

Expected Outcome

As a result of this exercise, a user and an application have been created for subscription, the API has been subscribed to, and access tokens have been generated.