

Chapter 2

Steps for Implementing Subscription Endpoints.

from ADP Marketplace Integration - Separate Credentials (OAuth2 and Basic Auth) Guide

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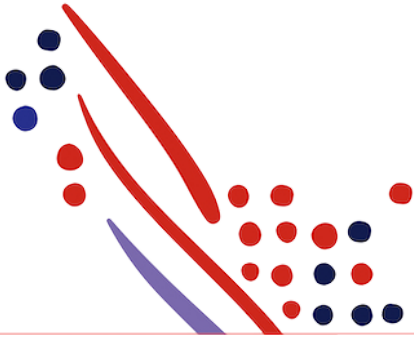
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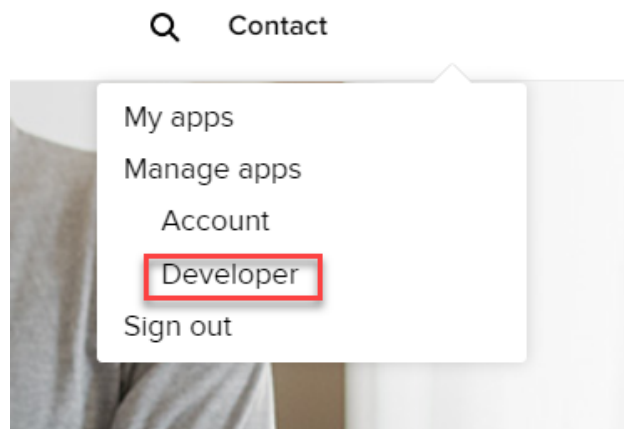
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Steps for Implementing Subscription Endpoints.

1. Log into ADP Marketplace and access the developer menu under your profile.



2. If you haven't already created an app listing, create the app listing using the template provided by ADP. You can create your application listing by going to this guide **How to Create a Core Solution App Listing**

3. Access the menu Products -> {your product listing} -> Edit.

4. From the menu on the left sidebar, navigate to Integration -> Edit Integration.

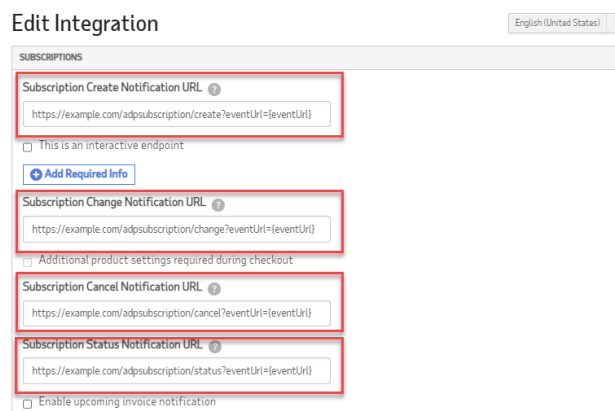
5. Now, navigate to the "Subscriptions" section under Edit Integration. Developers must register URL endpoints to handle notifications for subscription create, subscription change and subscription cancel. Make sure to append your URL Endpoint with "?eventUrl={eventUrl}", if you do not you will never get the event URL to call later. Sample URLs:

Subscription create - <https://example.com/adpsubscription/create?eventUrl={eventUrl}>

Subscription cancel - <https://example.com/adpsubscription/cancel?eventUrl={eventUrl}>

Subscription change - <https://example.com/adpsubscription/change?eventUrl={eventUrl}>

Subscription status - <https://example.com/adpsubscription/status?eventUrl={eventUrl}>





Info

Do NOT select "This is an Interactive Endpoint", this option is not supported.

6. Navigate to the **"Credentials"** section under **"Edit Integration"**, and ensure you are selecting **"Separate Credentials"** for the Authorization type. This will configure your listing to utilize OAuth2.0 client credentials grant type flow in order for you to retrieve the subscription event payload from the eventUrl.
7. Generate a client ID and Secret in the **"Inbound Credentials"** section.
8. Under the **"Outbound Credentials"** section select **Basic** as the type. Enter in your Username and Password and click **"Save"**.

INBOUND CREDENTIALS (OAUTH 2.0)

Use the client ID and secret to request an OAuth 2.0 access token that can be used to secure incoming API requests for your product integration (for example, to retrieve details of an event).

[Generate ID and Secret](#)

[Go To Technical Doc →](#)

OUTBOUND CREDENTIALS

Define the credentials configuration used to secure event notifications sent to your configured distribution endpoints.

Type

Basic Authentication

Username

Username

Basic authentication username

Password

Basic authentication password

[Show](#)

[SAVE](#)

[Go To Technical Doc →](#)

9. There are different subscription events, such as create, update, cancel and status notifications. However, they all follow the same mechanism in terms of how they notify your application.
10. Subscription events should be developed as synchronous events. (ADP Marketplace should receive the response immediately from your application **after you have consumed the payload in the eventUrl.**)