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Hub Management



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About Hubs

To use a commerce platform infrastructure in Connect, Distributors and Resellers should register their platform as a *Hub*. Namely, hubs represent individual instances of commerce and external systems that allows integrating and establishing *marketplaces*. Created hubs enable organizations to map required marketplaces and consequently present Vendor products for customers.

Each hub can represent a separate infrastructure that is used for a certain purpose. For example, your organization can create:

- A test hub for research and experiments.
- Hubs that cover different geographical regions or any other concept.

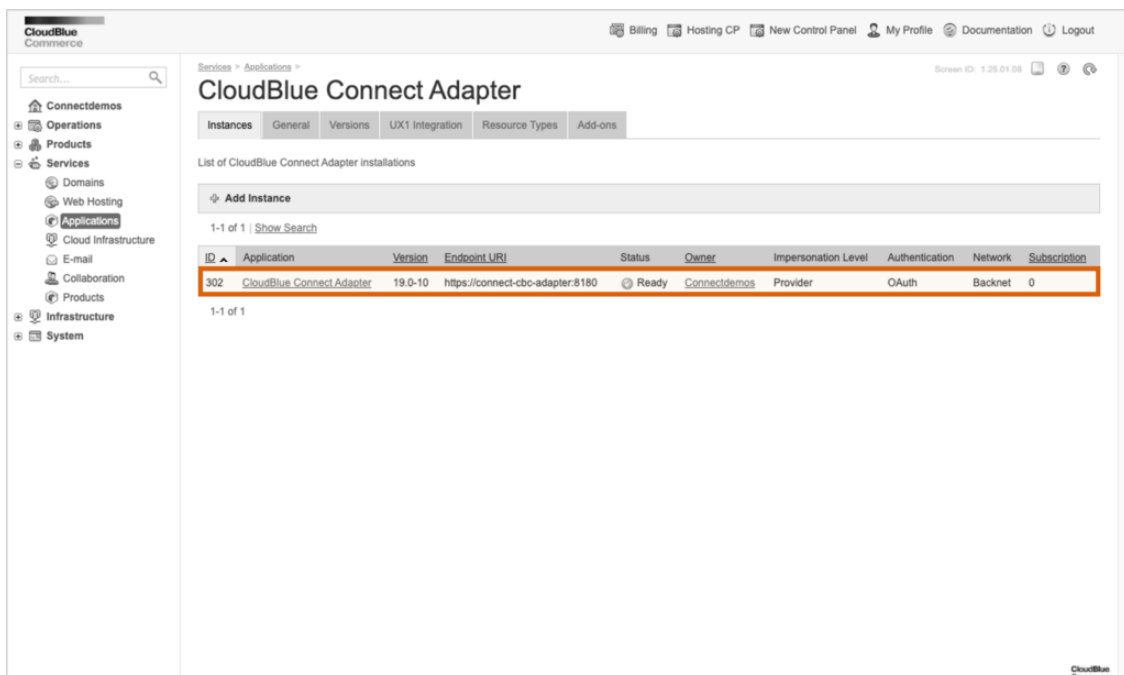
Therefore, your organization can establish multiple hubs for testing scenarios, staging and production purposes. Use the following instructions to register and manage your hubs on the CloudBlue Connect platform.

Prerequisites

In case of registering a hub for your external system, the Connect platform required to specify your *instance identifier*. The following showcases how to acquire the data that is necessary for Commerce hub registration.

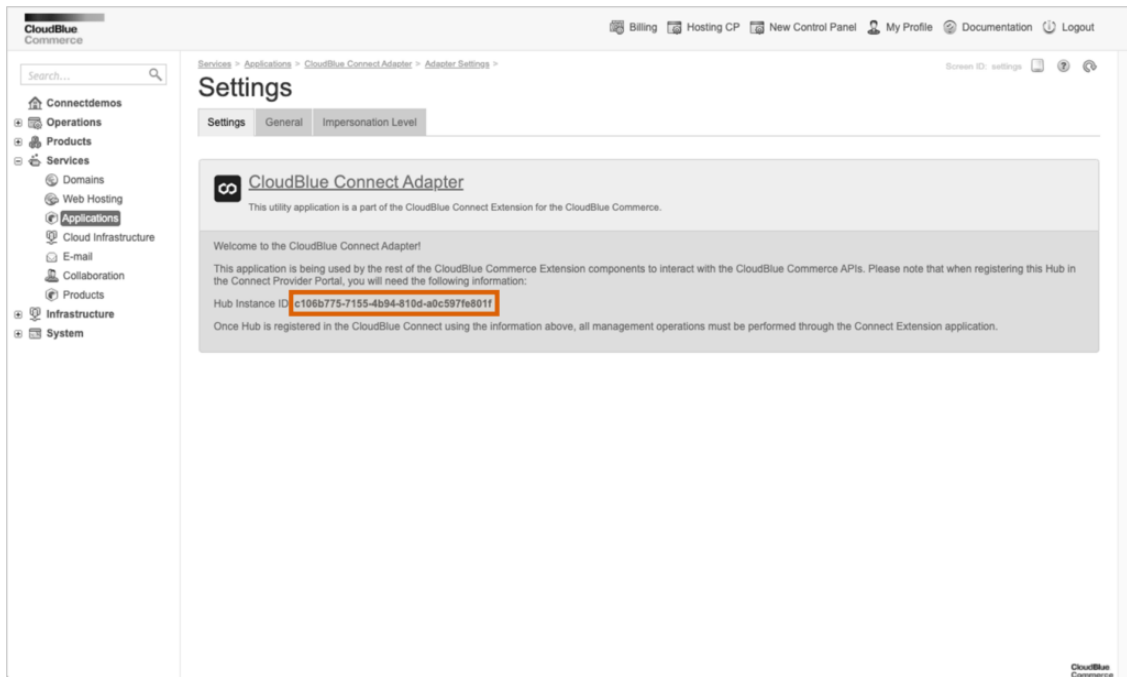
Before registering a *CloudBlue Commerce Hub* on Connect, it is necessary to ensure your account provides the adapter package and acquire *hub instance* data from the Commerce platform.

Once the **Connect Adapter** is configured correctly, the Commerce platform should display the *Ready* status for your adapter object within the **System Applications** list.



The screenshot displays the CloudBlue Commerce interface. The main content area is titled "CloudBlue Connect Adapter" and shows a list of installations. A table with the following data is visible:

ID	Application	Version	Endpoint URI	Status	Owner	Impersonation Level	Authentication	Network	Subscription
302	CloudBlue_Connect_Adapter	19.0-10	https://connect-cbc-adapter:8180	Ready	Connectdemos	Provider	OAuth	Backnet	0



Access the *Adapter Package* screen to retrieve your **Hub Instance ID**. This identifier is used to register a Commerce Hub on Connect.

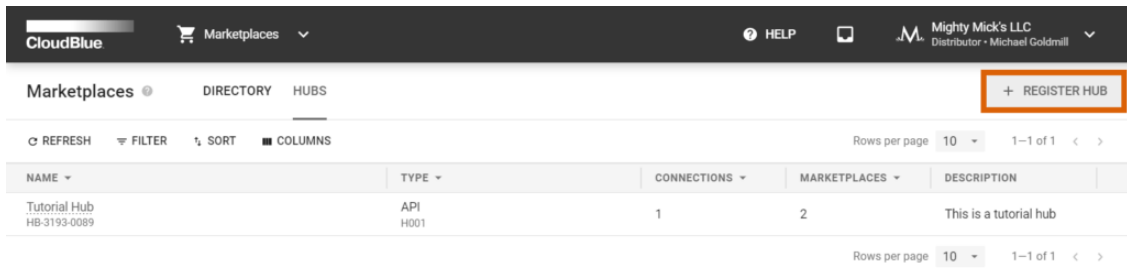
Once both Adapter Service and Adapter Package are deployed, you will be able to instantiate your Hub object that will refer to your adapter of the CloudBlue Commerce.

Hub Registration

Follow the steps below to successfully register your Hub on the CloudBlue Connect platform.

1. Start your hub registration

Navigate to the **Hubs** section of the **Marketplace** module. Thereafter, click the **Register Hub** button to start registering your hub manually.



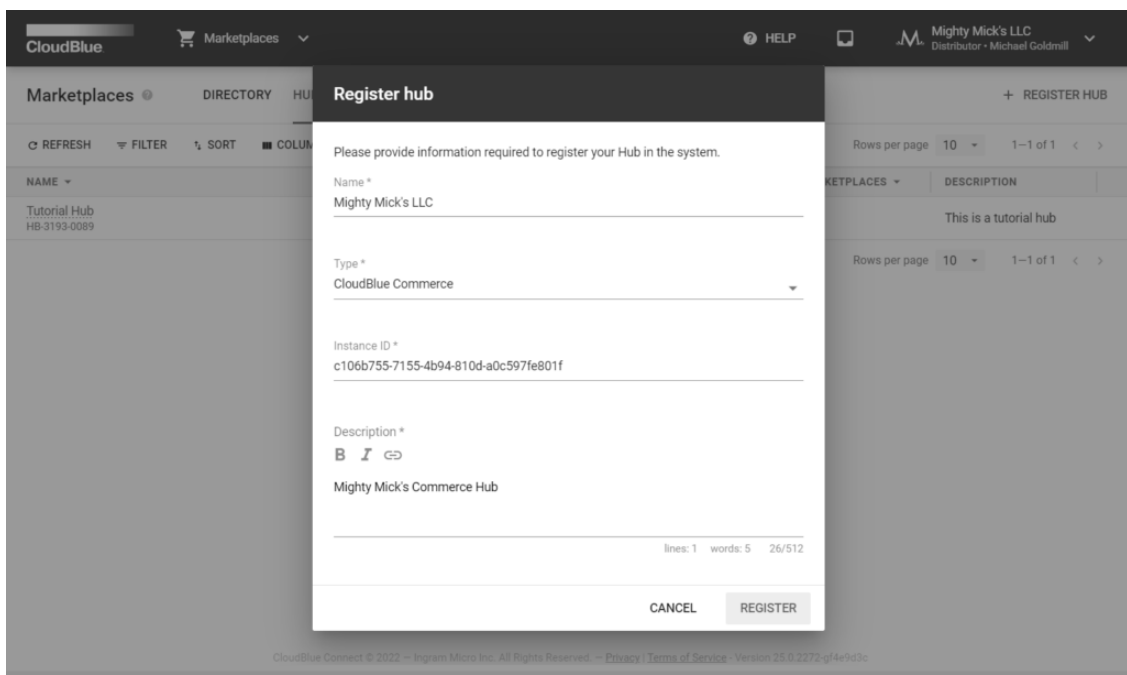
NAME	TYPE	CONNECTIONS	MARKETPLACES	DESCRIPTION
Tutorial Hub HB-3193-0089	API H001	1	2	This is a tutorial hub

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2. Specify the hub properties

Specify your hub properties in the following form:

- **Name:** Enter a descriptive hub name.
- **Type:** Select the *CloudBlue Commerce* for registering your CB Commerce Hub. Use the *API* type for any other scenario.
- **Instance ID:** Enter the aforementioned *Hub Instance ID* for your Commerce Hub. Otherwise, use identifier for your custom e-commerce platform.
- **Description:** Enter a short description of your Hub.



Register hub

Please provide information required to register your Hub in the system.

Name *
Mighty Mick's LLC

Type *
CloudBlue Commerce

Instance ID *
c106b755-7155-4b94-810d-a0c597fe801f

Description *
Mighty Mick's Commerce Hub

lines: 1 words: 5 26/512

CANCEL REGISTER

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Click **Register** to finalize your Hub creation on the Connect platform. As a result, your created hub will be available within the hub list. You can create new marketplaces that will be associated with this hub or configure your existing marketplaces and map them to the created hub.

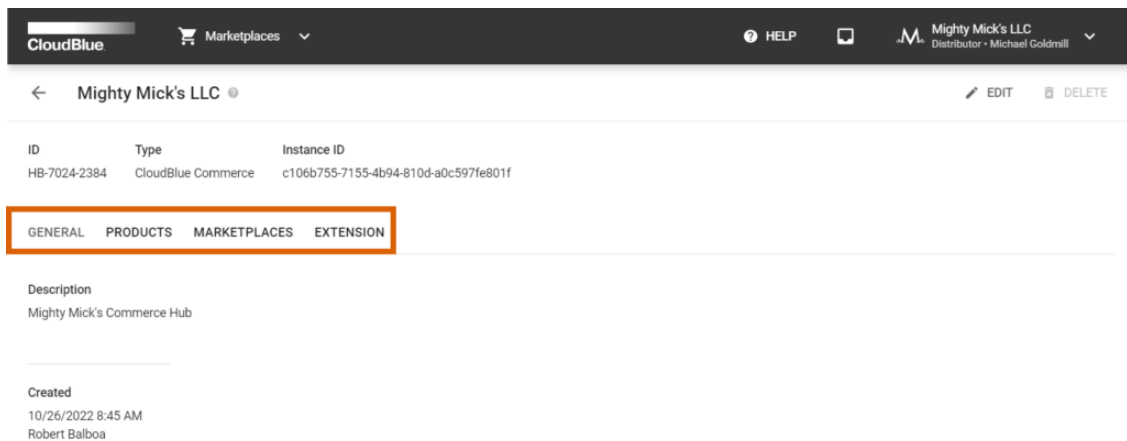


Follow APS Package Instructions

When your Commerce hub is defined on the Connect platform, it is required to perform additional configuration as described in the Connect Extension APS Package documentation.

Hub Details

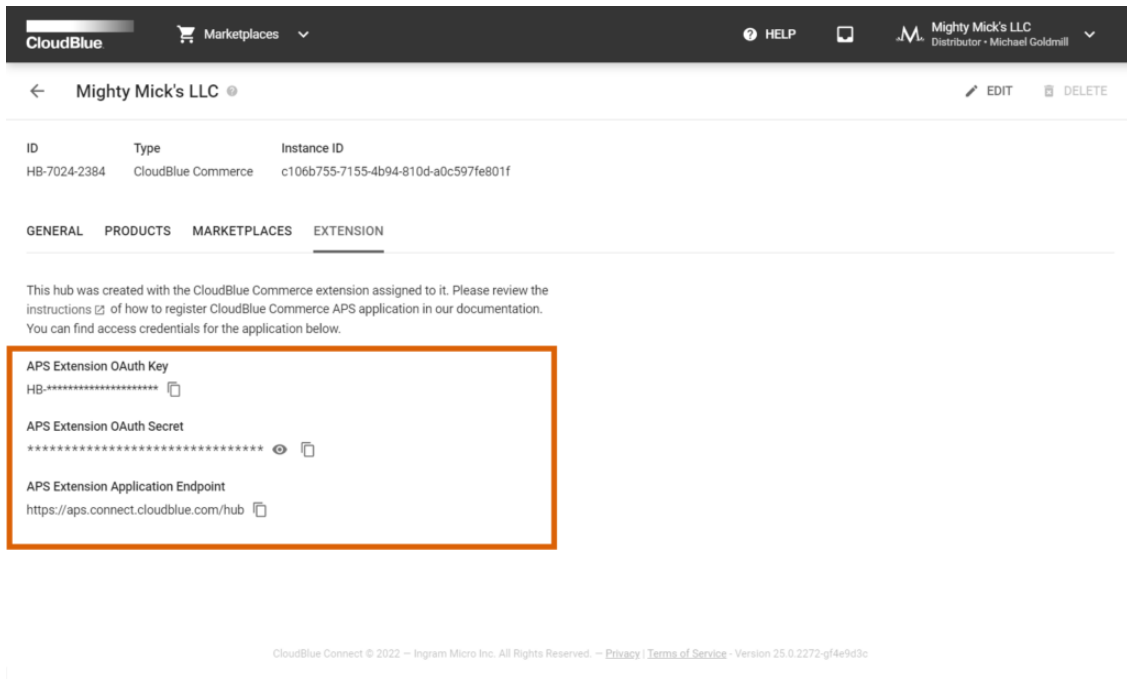
Once your hub is registered and established, click on your hub name to access the *Hub Details* screen. It allows accessing data that is required for successful integration and provides various operations within the following tabs:



The screenshot shows the CloudBlue interface for a hub named 'Mighty Mick's LLC'. The top navigation bar includes the CloudBlue logo, a 'Marketplaces' dropdown menu, a 'HELP' button, a mobile device icon, and the user profile 'Mighty Mick's LLC' with the role 'Distributor - Michael Goldmill'. Below the navigation bar, the hub name 'Mighty Mick's LLC' is displayed with a back arrow on the left and 'EDIT' and 'DELETE' buttons on the right. A table lists the hub details:

ID	Type	Instance ID
HB-7024-2384	CloudBlue Commerce	c106b755-7155-4b94-810d-a0c597fe801f

Below the table, there are four tabs: 'GENERAL', 'PRODUCTS', 'MARKETPLACES', and 'EXTENSION'. The 'EXTENSION' tab is highlighted with an orange border. Under the 'EXTENSION' tab, the 'Description' is 'Mighty Mick's Commerce Hub' and the 'Created' information is '10/26/2022 8:45 AM' by 'Robert Balboa'.



ID	Type	Instance ID
HB-7024-2384	CloudBlue Commerce	c106b755-7155-4b94-810d-a0c597fe801f

GENERAL PRODUCTS MARKETPLACES **EXTENSION**

This hub was created with the CloudBlue Commerce extension assigned to it. Please review the instructions [of how to register CloudBlue Commerce APS application in our documentation](#). You can find access credentials for the application below.

APS Extension OAuth Key	HB***** <input type="text"/>
APS Extension OAuth Secret	***** <input type="text"/> <input type="text"/>
APS Extension Application Endpoint	https://aps.connect.cloudblue.com/hub <input type="text"/>

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- **General:** This tab showcases description and creation date of your hub. Change description and your hub name by clicking *Edit* at the top-right corner of the screen.
- **Products:** Provides products that are associated with your hub.
- **Marketplaces:** Displays marketplaces that are mapped to your selected hub.
- **Extension:** Access *OAuth Key*, *Secret*, and *Application Endpoint* that are necessary for deploying the Connect Extension APS Package.

In case your hub is no longer required, remove your hub by clicking the **Delete** button at the top-right corner of the Hub Details interface. Note that it is not possible to delete a hub that is associated with a marketplace or includes an active connection.