

SHOP.COM DEVELOPER CHALLENGE

UNLEASH

GETTING YOUR API KEY

Register at developer.shop.com

Go to your dashboard, find the Applications tab, and create at least one Application

The screenshot shows the 'Manage Applications' page in the Shop.com Developer Portal. The page has a sidebar with navigation links: DASHBOARD, ORGANIZATION, APPLICATIONS (highlighted), REQUESTS, ORGANIZATIONS, APIS, ANALYTICS, ANALYTICS, USER MANAGEMENT, SITE SETTINGS, and ADMINISTRATION. The main content area is titled 'Manage Applications' and shows a table of applications. The table has columns for Application, API Key, Status, and Platform. There are three applications listed: 'Application for API Key', 'First', and 'New One'. Each application has an 'API Usage' button. At the bottom of the table, there are 'Actions' and 'Apply' buttons, and a red 'Add Application' button.

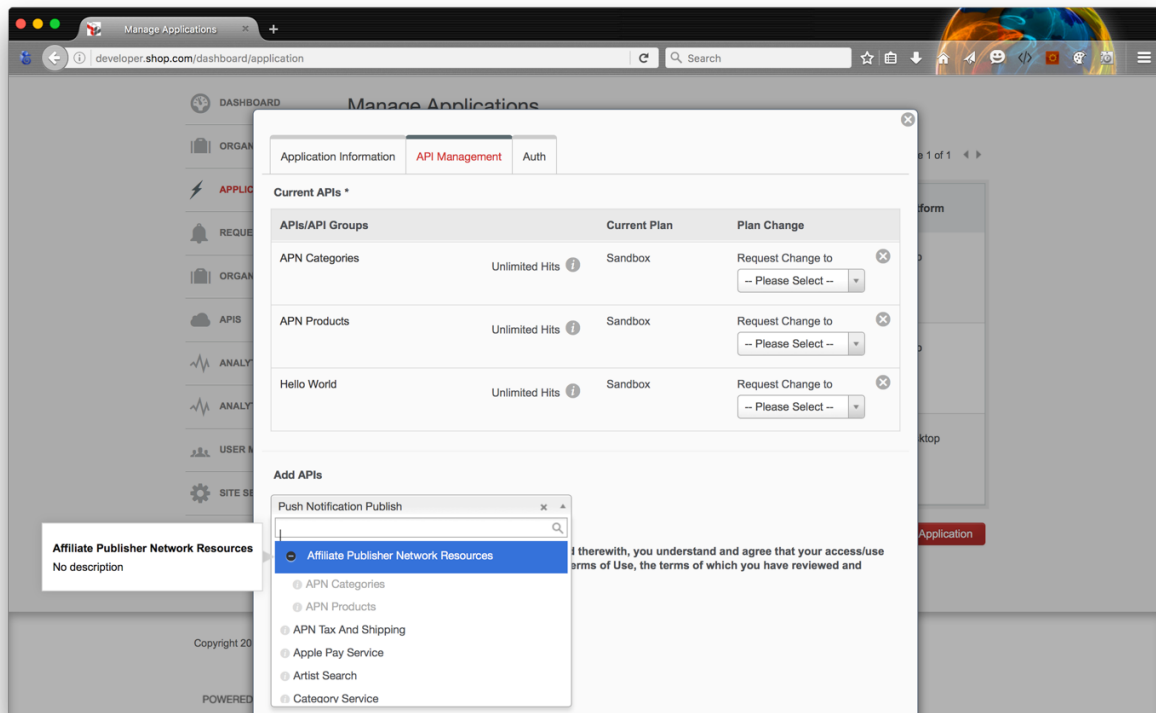
Application	API Key	Status	Platform
<input type="checkbox"/> Application for API Key API Usage	77xx27cc84ed751d4f90 b732d67240b2e0fa	Active	Web
<input type="checkbox"/> First API Usage	77xx9ba6b99d36074782 866a86e2044fb35	Active	Web
<input type="checkbox"/> New One API Usage	77xx6fa400c6c76a4b23 9097bd80a7f81adf	Active	Desktop

Select the dropdown to Edit your Application

The screenshot displays the 'Manage Applications' interface in the SHOP.COM Developer Portal. The page title is 'Manage Applications' and it shows a list of three applications. A dropdown menu is open for the first application, 'Application for API Key', showing options: Edit, Disable, and Delete. The table columns are Application, API Key, Status, and Platform. The left sidebar contains navigation links: DASHBOARD, ORGANIZATION, APPLICATIONS (highlighted), REQUESTS, ORGANIZATIONS, APIS, ANALYTICS, ANALYTICS, USER MANAGEMENT, SITE SETTINGS, and ADMINISTRATION. The top header includes the SHOP.COM logo, user name 'paul', and a search bar. The URL in the browser is 'developer.shop.com/ajax/edit-application?appid=66&orgid=137'.

Application	API Key	Status	Platform
<input type="checkbox"/> Application for API Key API Usage	17xx27cc84ed751d4f90 b732d87240b2e0fa	Active	Web
<input type="checkbox"/> First API Usage	17xx9ba6f699d36074782 866a86e2044f6e35	Active	Web
<input type="checkbox"/> New One API Usage	17xx6fa400-c676a4b23 9097bd80a7f81adf	Active	Desktop

Go to the API Management tab to add APIs to your Application. Look for the APIs grouped under Affiliate Publisher Network. These APIs also have APN in their name.

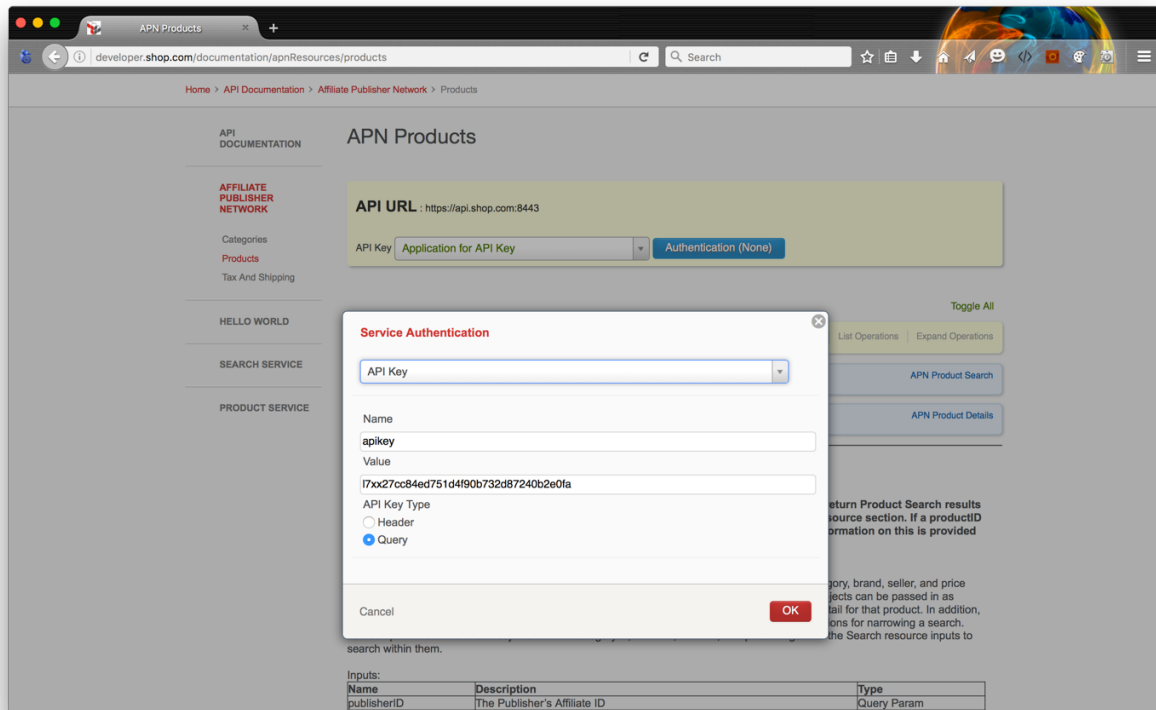


Go to the API Documentation tab, and look for the Affiliate Publisher Network section of documentation

The screenshot shows the SHOP.COM Developer Portal. The top navigation bar includes links for Home, In The Lab, Getting Started, API Documentation (selected), Showcase, and Forums. A sidebar on the left lists API Documentation categories: AFFILIATE PUBLISHER NETWORK (highlighted), Categories, Products, Tax And Shipping, HELLO WORLD, SEARCH SERVICE, and PRODUCT SERVICE. The main content area is titled 'Affiliate Publisher Network' and includes a section 'For the Affiliate Publisher:' with a description of the APN program. Below this is a table titled 'Programs for affiliate-publishers:' with four columns: Program, How to implement, Benefits, and Program. The table lists three programs: Affiliate links, Affiliate APIs, and Affiliate Hosted Cart.

Program	How to implement	Benefits	Program
Affiliate links	<ul style="list-style-type: none">Use the Link Generator, available at the publisher portal (affiliate.shop.com) to get SHOP.COM page links formatted with your APN Publisher ID	<ul style="list-style-type: none">Simple insertion of the links* into your digital property*Links could age and eventually point to discontinued products	<ul style="list-style-type: none">Register to get an approved Publisher ID
Affiliate APIs	<ul style="list-style-type: none">Get real-time product data and referral links by using SHOP.COM APIs	<ul style="list-style-type: none">Always have current data and links	<ul style="list-style-type: none">Register to get an approved APN IDRequires development to call SHOP.COM APIs
Affiliate Hosted Cart	<ul style="list-style-type: none">Get real-time product data and links by using SHOP.COM APIsBuild the shopping cart while the user is still on your site	<ul style="list-style-type: none">Always have current data and linksControl the shopping and cart building experience	<ul style="list-style-type: none">Register to get an approved APN IDRequires development to call SHOP.COM APIs

To explore and “try” one of the APN APIs, identify which of your API keys to use by selecting one of your Applications from the API Key drop down, then clicking the Authentication (API Key) button to identify how you will pass the API Key (Header or Query Parameter)



If there are no values in the parameter fields, you can use the values below to see the return payload for the SHOP.COM flagship product OPC-3.

The screenshot displays the API documentation for the **AffiliatePublisherNetwork** on the **developer.shop.com** website. The page is titled "AffiliatePublisherNetwork" and includes a search bar and navigation links for "Show/Hide", "List Operations", and "Expand Operations".

On the left sidebar, there are links for "HELLO WORLD", "SEARCH SERVICE", and "PRODUCT SERVICE". The main content area shows the **GET** endpoint **AffiliatePublisherNetwork/v1/products** with a link to "APN Product Search". Below this, the **GET** endpoint **AffiliatePublisherNetwork/v1/products/{productID}** is shown with a link to "APN Product Details".

Implementation Notes
This service takes a Product ID and APN ID number to return a chosen product's details.

Parameters

Parameter	Value	Description
productID	834207132	Provide a product ID (productID)
publisherID	TEST	Provide an Affiliate Publisher Network ID (publisherID)
locale	en_US	Enter the value for a locale

Buttons: **Add Parameter**, **Try it out!**, **Hide Response**

Query Response

```
Date: Thu, 21 Apr 2016 18:11:43 GMT
X-Frame-Options: SAMEORIGIN
Response-Status: HTTP/1.1 200 OK
Content-Type: application/json
Content-Length: 5071
Connection: close

{
  "name": "Isotonix OPC-3®",
  "maximumPrice": "$71.95",
  "minimumPrice": "$31.95",
  "id": "834207132",
  "brand": null,
  "shortDescription": "Product BrochureIsotonix OPC-3 is one of the most revolutionary nutritional su
pplements available today. Between its unparalleled formula,
including the clinically-studied ingredient Pycnogenol,
and the revolutionary Isotonix Delivery System,
there..."
```