

Webservice Parameters

Webservice Parameters

In this page, you can enable your shop's webservice, so that third-party tools can access your data. This potentially makes it possible for interesting tools to help you or your customers make better use of your shop (such as mobile applications).

A web service is a method of communication between two electronic devices over a network. It relies on a known set of methods, formats and access rights, so as be able to use the webservice's content on any other authorized tool, and build upon the original content. Read more about it on Wikipedia: http://en.wikipedia.org/wiki/Web_service.

The page starts by listing the currently existing webservice keys in a table, if there is any. A webservice key is a unique access that you grant to a developer, which can be used to tie a tool to your shop. Share them sparingly, as you might not always want everyone to access your data.



The screenshot shows the 'WEBSERVICE' management interface. At the top, there is a title 'WEBSERVICE' with a count of '1' in a circle. To the right are navigation icons: a plus sign, a refresh icon, a right arrow, and a list icon. Below this is a table with three columns: 'Key', 'Key description', and 'Enabled'. The table contains one row with the following data: 'EJCH86RCEV2LQC25686EP8RWC2WTFQIX' in the 'Key' column, 'Frank's B iPhone app.' in the 'Key description' column, and a green checkmark in the 'Enabled' column. To the right of the table row is an 'Edit' button with a pencil icon and a dropdown arrow.

Key	Key description	Enabled
EJCH86RCEV2LQC25686EP8RWC2WTFQIX	Frank's B iPhone app.	✓

Not any app can access your shop through the PrestaShop webservice: you decide which can, and what they are allowed to do. Every app has a unique connection key, with specific access rights.

Adding a new key

The "Add new" button takes you to the webservice key creation form:

- **Key.** A unique key. You can either create your own, or choose to use a generated one, for instance by clicking the "Generate" button or by using any online key generator. Generated keys are most of the time safer, because they are harder to guess.
- **Key description.** A reminder of who that key is for, and what it gives access to.
- **Status.** You can disable a key anytime. This enables you to only temporarily grant access to your data from a certain key.
- **Permissions.** You do not have to share ALL your data with each key. You can choose among a wide array of permissions, either by section or by type of access. You might want some applications to only be able to view a handful of items, while some others (for instance, ones that you would use to manage the shop remotely) should be able to edit and delete just about everything. Choose wisely.

WEBSERVICE ACCOUNTS

* Key:

Key description:

Status: YES NO

Permissions:

Resource	All	View (GET)	Modify (PUT)	Add (POST)	Delete (DELETE)	Fast view (HEAD)
addresses	<input type="checkbox"/>					
carriers	<input type="checkbox"/>					
cart_rules	<input type="checkbox"/>					
carts	<input type="checkbox"/>					
categories	<input type="checkbox"/>					
combinations	<input type="checkbox"/>					
configurations	<input type="checkbox"/>					

Configuration

For security reasons, make sure your shop's server supports secure SSL connection!

The configuration is pretty easy:

- **Enable PrestaShop's webservice.** If you do not want anyone to access your shop through third-party tools and applications, just keep it disabled.
- **Enable CGI mode for PHP.** The CGI mode is a special setting for the Apache server, where you tell it to use PHP as a CGI script rather than an Apache module. While the CGI mode has a reputation of being more secure, it has been found to have a security flaw as recently as May 2012. Ask your web host for advices.

CONFIGURATION

Enable PrestaShop's webservice: YES NO

Before activating the webservice, you must be sure to

1. Check that URL rewriting is available on this server.
2. Check that the five methods GET, POST, PUT, DELETE and HEAD are supported by this server.

Enable CGI mode for PHP: YES NO

Before choosing "Yes", check that PHP is not configured as an Apache module on your server.

Developers can find our documentation on how to build a tool around PrestaShop's webservice at this address: <http://doc.prestashop.com/display/PS16/Using+the+PrestaShop+Web+Service>.