

# Prestashop integration

This document explains how to integrate BTCPay Server into your PrestaShop store. If you do not have a store yet, follow [this step by step article](#) to create one from scratch.

To integrate BTCPay Server into an existing PrestaShop store, follow the steps below.

## TIP

This document only applies to the latest v6 version of the module. Other versions:

- [v4 module documentation](#)
- [v5 module documentation](#)

## Server Requirements

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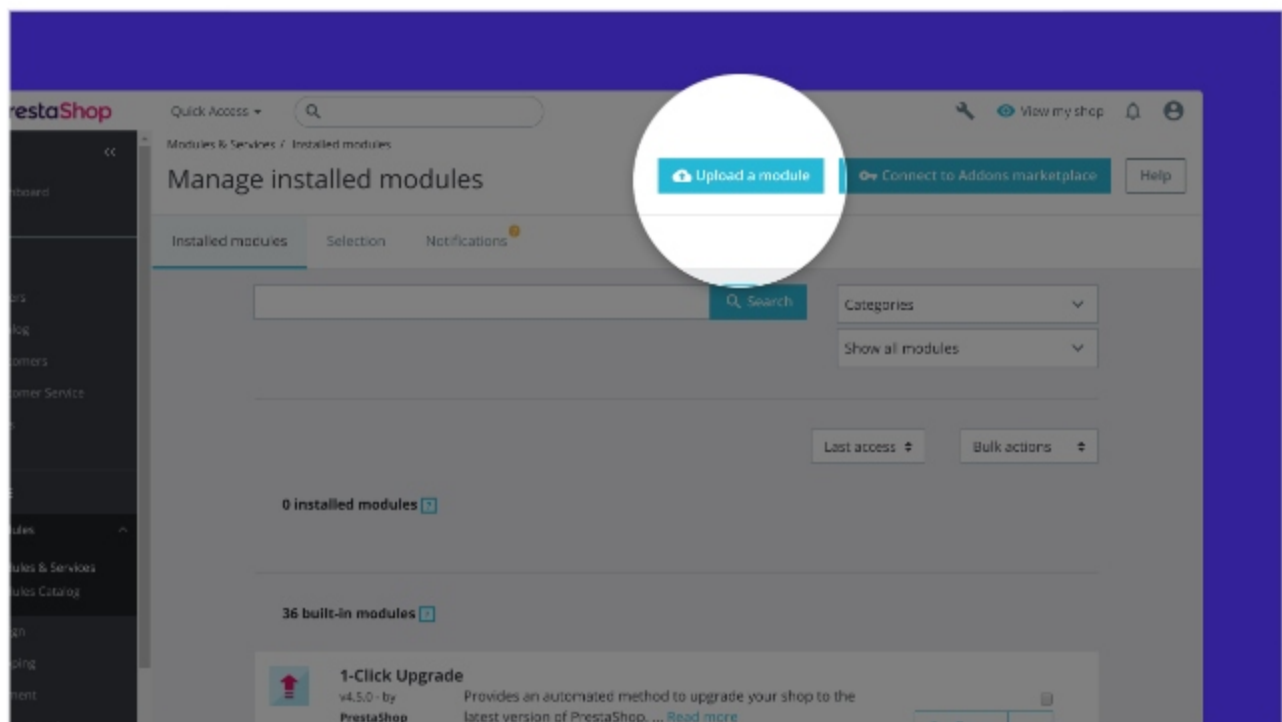
Please ensure that you meet the following requirements before installing this plugin.

- You are using PHP 8.0 or higher
- Your PrestaShop is version 8.0 or higher.
  - Your store must have HTTPS enabled and be publicly accessible.
- Your BTCPay Server is version 1.7.0 or higher
- The PDO, curl, gd, intl, json, and mbstring PHP extensions are available
- You have a BTCPay Server, either [self-hosted](#) or [hosted by a third-party](#)
  - The BTCPay Server instance must have HTTPS enabled and be publicly accessible.
- [You've a registered account on the instance](#)
- [You've a BTCPay store on the instance](#)
- [You've a wallet connected to your store](#)

## Install BTCPay Plugin

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1. [Download the latest BTCPay Server plugin](#)
2. PrestaShop > Modules > Module Manager > Upload a module
3. Upload the `.zip` -file you just downloaded
4. Click on `configure` to setup the module



## Connecting the store

The Prestashop BTCPay Server module is a **bridge between your server (the payment processor) and your e-commerce store**. No matter if you're using a self-hosted or third-party solution from step 2, the setup process is identical.

1. In the `BTCPay Server URL` -field, enter the full URL of your host (including the https) – for example `https://testnet.demo.btcpayserver.org`
2. Select the default transaction speed (this will change how much BTCPay recommends as transaction fee).
3. *Optional: Select the relevant order mode for your store (order is created before or after payment).*
  - Only relevant if you use a version **before** v5.1.0 as this logic has been removed.
4. Select if you want to send customer metadata to your BTCPay server instance for bookkeeping.
5. Press `Connect` to save your settings and be redirected to your BTCPay Server instance to create an API key.
6. When creating the API key, make sure to give the permissions to a specific store (multiple stores are not supported).


Server settings
Stores
Apps
Wallets
Invoices
Payment Requests

## Authorization Request

PrestaShop is requesting access to your account.

If authorized, the generated API key will be provided to [http://prestashop.demo.btcpayserver.org/administration/index.php/btcpay/api-key/validate?\\_token=DUHcWu-5Lm9aD2CSE32t\\_8Lfy4ZemMcVNoQLQEjDPM](http://prestashop.demo.btcpayserver.org/administration/index.php/btcpay/api-key/validate?_token=DUHcWu-5Lm9aD2CSE32t_8Lfy4ZemMcVNoQLQEjDPM)

Label

PrestaShop

**View invoices**

The app will be able to view invoices on the selected stores. [Give permission to all stores instead](#)

Store

**Create an invoice**

The app will be able to create new invoices on the selected stores. [Give permission to all stores instead](#)

Store

**Modify invoices**

The app will be able to modify and view invoices on the selected stores. [Give permission to all stores instead](#)

Store

**Modify selected stores' webhooks**

The app will modify the webhooks of the selected stores. [Give permission to all stores instead](#)

Store

**Manage selected stores**

The app will be able to manage invoices on the selected stores and modify their settings. [Give permission to all stores instead](#)

Store


**View your stores**

The app will be able to view the selected stores' settings. [Give permission to all stores instead](#)

Store

Authorize app
Cancel

- Press the Authorize app -button after which you will be redirected back to your Prestashop store. If you get an "Invalid Token"-popup, please make sure that PrestaShop and BTCPay Server both use HTTPS and have proper hostnames (see [Server Requirements](#)).


**Invalid token:** direct access to this link may lead to a potential security breach.

Do you want to display this page?

I understand the risk

Take me out of there!

8. Prestashop will try and create a connection to your BTCPay Server instance. 9. A message will be shown if the connection was successful (but it is smart to make a test purchase).

The screenshot shows the Prestashop admin interface for the BTCPay plugin. At the top, there's a green status bar indicating the plugin is linked. Below this, a message states: "This module allows you to accept payments via BTCPay Server. To be able to use this payment module you need to have a BTCPay Server instance, either self-hosted or hosted by a third party. With a registered account on the instance, an actual store (either an invoice and a wallet) is created for your store." The main settings area includes fields for "BTCPay Server URL" (set to https://www.demonstratipayserver.org), "Transaction speed" (set to Medium), "Order creation method" (set to Order before payment), and "Set customer data in BTCPay Server invoice" (set to Yes). There are "Cancel" and "Save" buttons. Below the settings, there are two sections: "Store Information" and "Server Information". The "Store Information" section lists: Name (Store), Default speed policy (MediumSpeed), Invoice expiration time (300 minutes), Invoice monitoring expiration time (3000 minutes), and Default currency (None). The "Server Information" section lists: Version (1.1.0.0), API Key (5f56cb97568c935201ee5888a5f5011e87b40eb), Webhook ID (syfpm1jvlgm0m4w0m1c), Fully synced (Yes), and Payment methods (BTC On Chain).

## TIP

Redirecting back from BTCPay Server sometimes fails due to PrestaShop weirdness. If it does, you can still use this plugin by copying the API key from `/account/apikeys` and pasting it in the form.

## Create the API key yourself

If preferred, you can also make an API key yourself by creating it at `/account/addapikey`. If you are going to make an API key yourself, make sure that it has the following permissions for a *singular* store:

- `btcpay.store.canmodifystoresettings`

- `btcpay.store.webhooks.canmodifywebhooks`
- `btcpay.store.canviewstoresettings`
- `btcpay.store.cancreateinvoice`
- `btcpay.store.canviewinvoices`
- `btcpay.store.canmodifyinvoices`

## 3. Contribute

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BTCPay is built and maintained entirely by volunteer contributors around the internet. We welcome and appreciate new contributions.

Contributors looking to help out, before opening a pull request, please [create an issue](#) or join [our community chat](#) to get early feedback, discuss the best ways to tackle the problem and to ensure there is no work duplication.

## PrestaShop Support

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PrestaShop support can be found through its official channels.

- [Homepage](#)
- [Documentation](#)
- [Support Forums](#)