BUCKAROO

BPE 3.0 Plugin Wordpress WooCommerce

Installation manual

BUCKAROO.NL

Last Update: February 1st 2018. Plugin version 2.6.1

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1. Introduction

This is the installation manual for the BPE 3.0 Wordpress WooCommerce extension. The latest plugin is made for WooCommerce version 3.3.x.

1.1 Supported payment methods

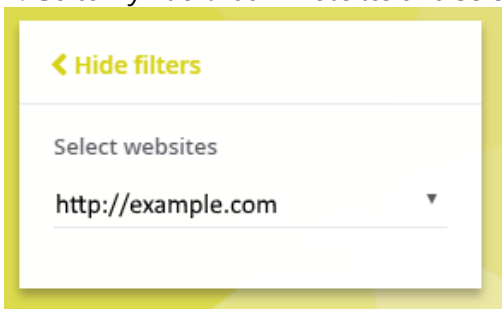
- Bancontact / Mister Cash
- Creditcards (Mastercard, Visa, American Express, Carte Bancaire, Carte Bleue, Dankort, Visa Electron, VPay)
- SEPA Direct Debit
- eMaestro
- Giftcards
- Giropay
- iDEAL
- Payment Guarantee
- PayPal
- Paysafecard
- Sofortbanking
- Bank Transfer
- AfterPay

2. Settings and information in the Buckaroo Payment Plaza

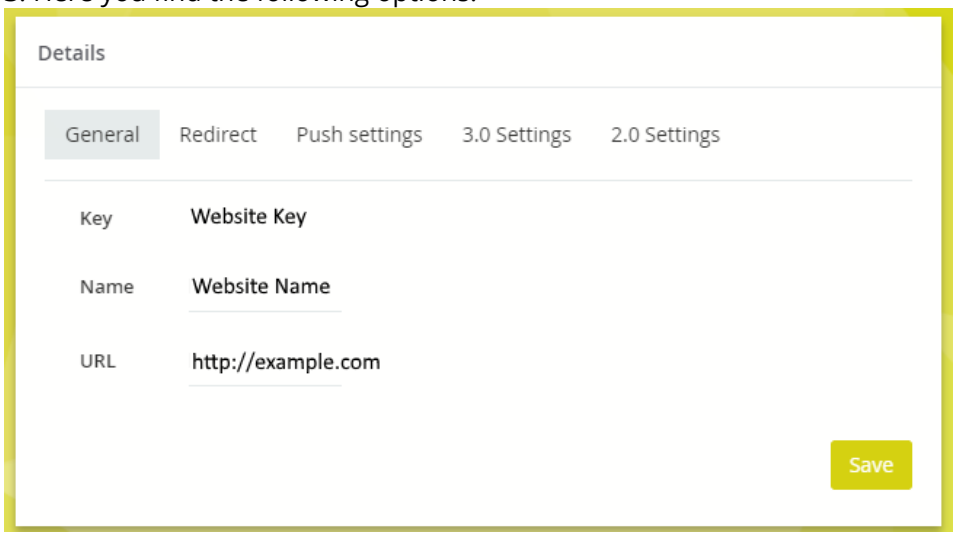
2.1 Settings in the Buckaroo Payment Plaza

For the installation of the Buckaroo module you need to configure some settings in the Buckaroo Payment Plaza.

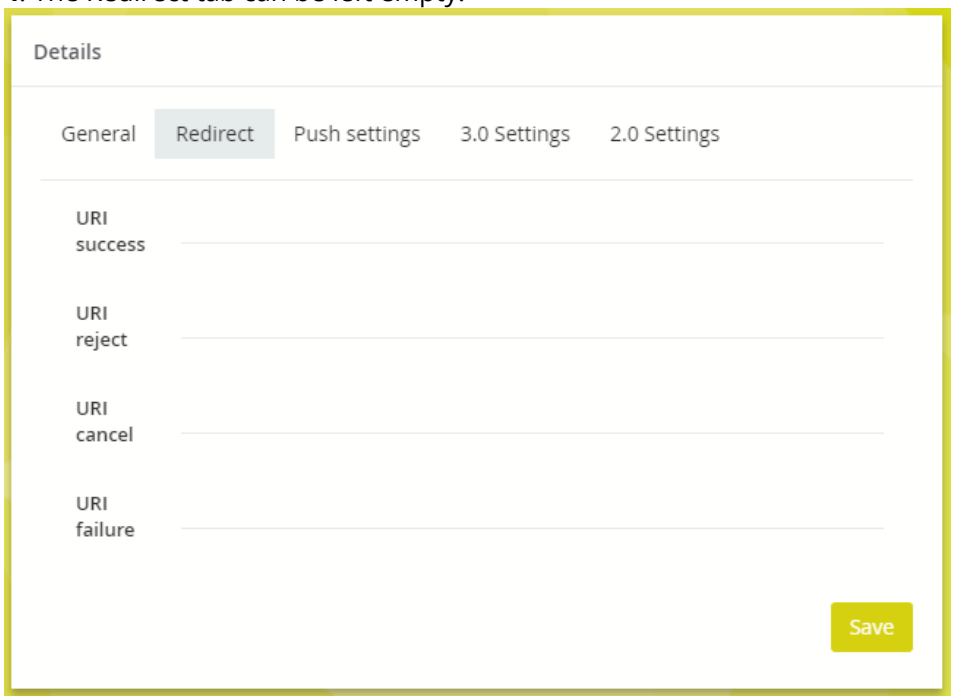
Follow these steps:
1. Login to the Buckaroo Payment Plaza (https://plaza.buckaroo.nl)
2. Go to *My Buckaroo* > *Websites* and select your website (e.g. example.com) from the dropdown.



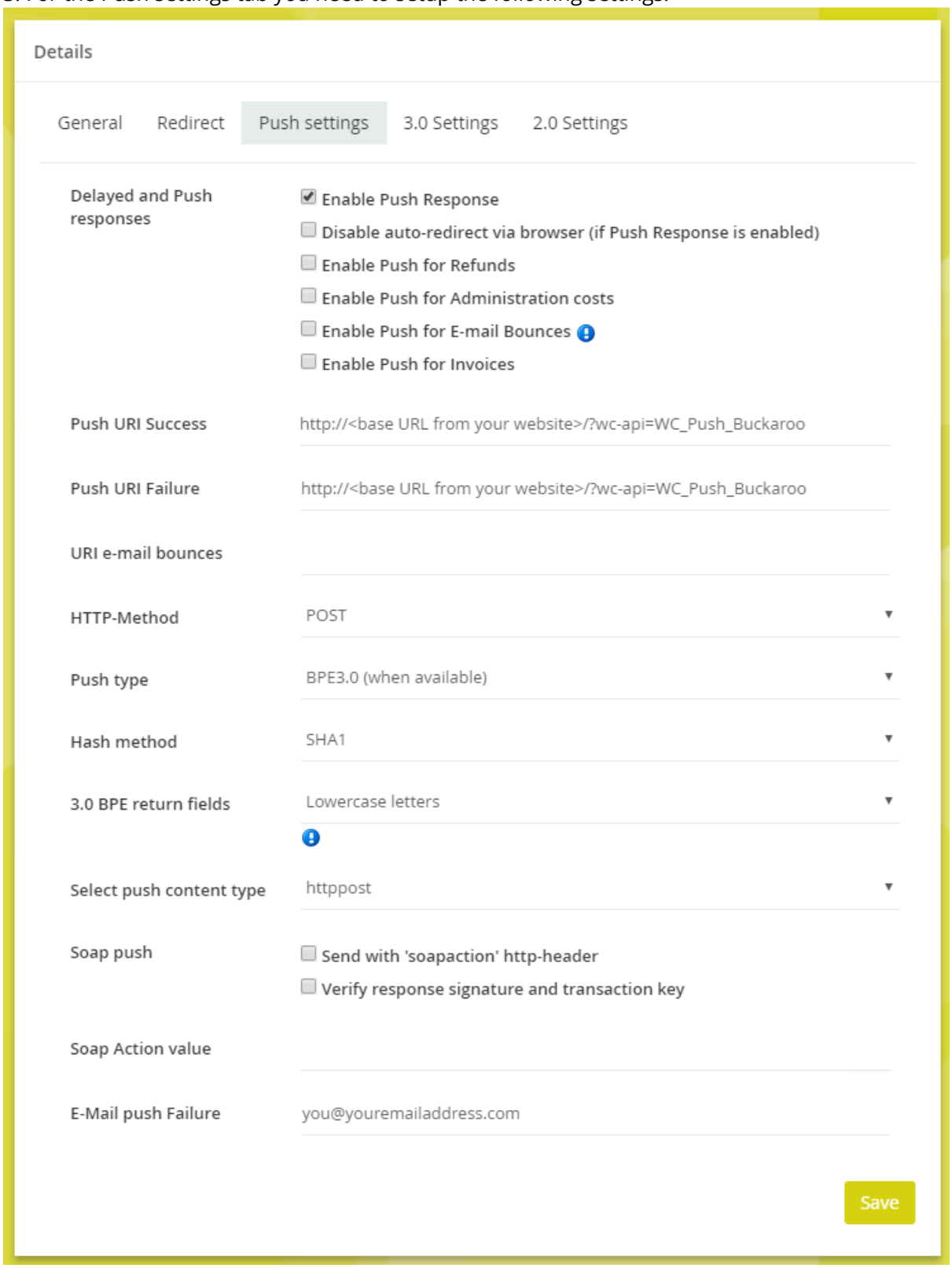
3. Here you find the following options:



4. The Redirect tab can be left empty.

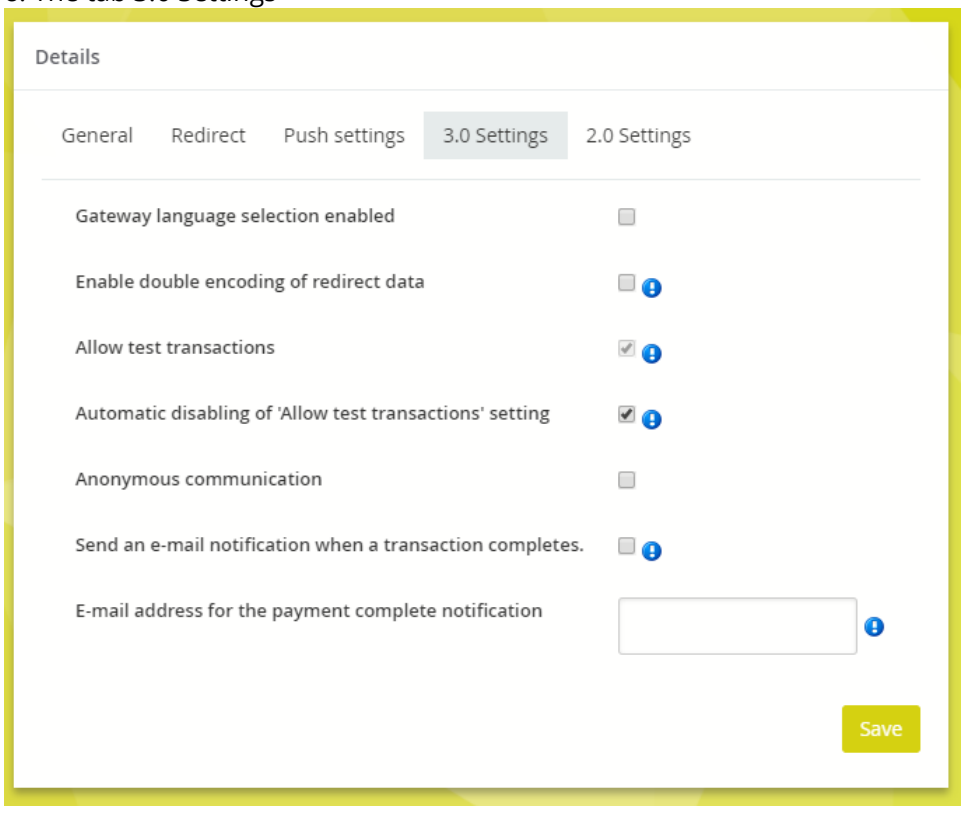


5. For the Push settings tab you need to setup the following settings:



a. Activate the checkbox “Enable Push Response”.
b. The fields “Push URI Success” and “Push URI Failure” should both be filled with the URL website. The correct URL is:
http(s)://<base URL from your website>/?wc-api=WC_Push_Buckaroo
Usually the base URL for the website has the form ‘www.yourwebsite.nl’.
There are some exceptions. Often this is something like ‘www.yourwebsite.nl/index.php’ or ‘www.yourwebsite.nl/NL’ or a combination of both. To find out what base URL is used go to the first page in the web shop, click on some links in the shop and check the URL in your browser address field. The part of the URL that stays the same for every page is your base URL.
c. HTTP-Method must be “POST”.
d. For “Push type” select “BPE3.0”.
e. For “Hash method” select “SHA1”.
f. For “3.0 BPE return fields” select “Lowercase letters”.
g. The option “E-Mail push Failure” is optional. If this field is filled with an email address an email will be send if the push message can’t be send.

6. The tab 3.0 Settings



a. With the option “Gateway language selection enabled” you can set if the customer sees a language selection option on the Buckaroo Payment pages.
b. The option “Enable double encoding of redirect data” must be deactivated.
c. The option “Allow test transactions”. This option should be activated if you want to do test transactions. If this option is deactivated the test transactions are rejected by Buckaroo.

d. The option "Automatic disabling of 'Allow test transactions' setting". If this option is activated the option above will be deactivated if there are no test transactions don in 2 weeks. Deactivating this option should only be done for test websites.
e. The option "Send an email notification when a transaction completes". If activated Buckaroo will send an email on a successful transaction to the general email address.

7. The tab 2.0 Settings
This tab does not have any settings.

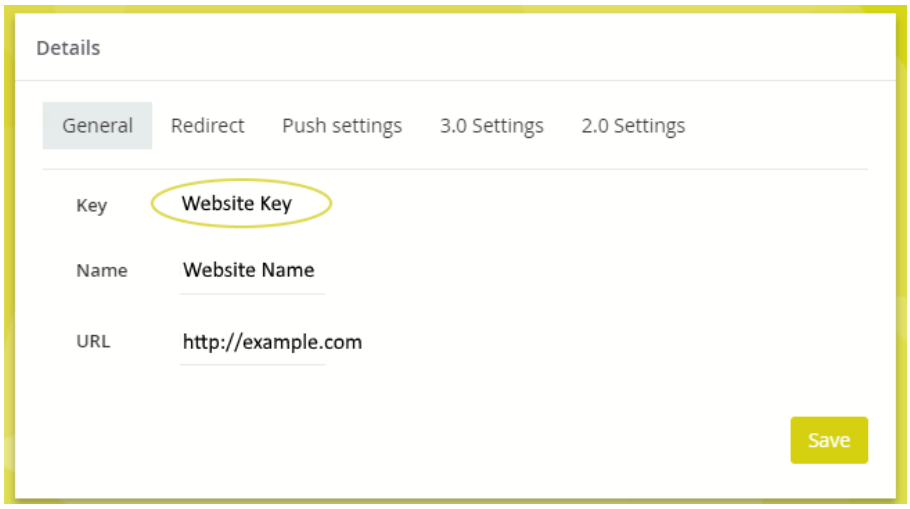
2.2 Information in the Buckaroo Payment Plaza

Finding keys and creating a certificate

For message verification purposes, you need some keys and a certificate. These are needed to setup the plugin, as covered section 3.

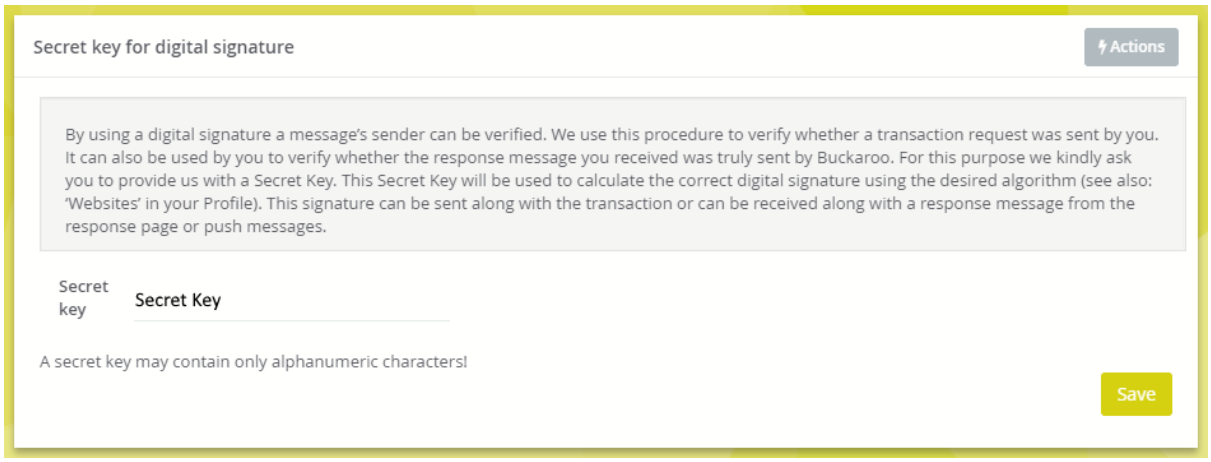
Website Key:

The Website Key can be found on the Payment Plaza under: *My Buckaroo* > *Websites* section, once you select your website in the drop down (see below).



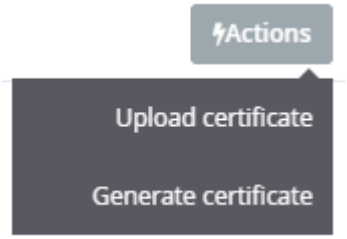
Secret Key:

The Secret Key can be found in the Payment Plaza via *Configuration* > *Security* > *Secret Key*. If the secret key field is still empty you need to fill in a secret key.



Making a certificate:

The certificate option can be found in the Payment Plaza via *Configuration* > *Security* > *Certificates*. Click on *Actions* > *Generate certificate*.



In the popup use the following settings;
Export key as: PEM
Purpose: General
Active: Ticked

Click the *Generate certificate* button, to save and download the file. Don't change the file name. The file is your private key that is used by the plugin for signing messages to Buckaroo. Store this file in a safe location, it is not possible to download the file again from the Payment Plaza. If you lose the file you need to make a new certificate. After the download, you can close the popup. The certificate is now visible in the list. In the last column, you see the Thumbprint. The Thumbprint is also needed in the module. Make sure that you use the Thumbprint for the certificate you just made (date-time). If a wrong Thumbprint is set in the module all transactions will be rejected.

3. Installation in WooCommerce

3.1 Requirements

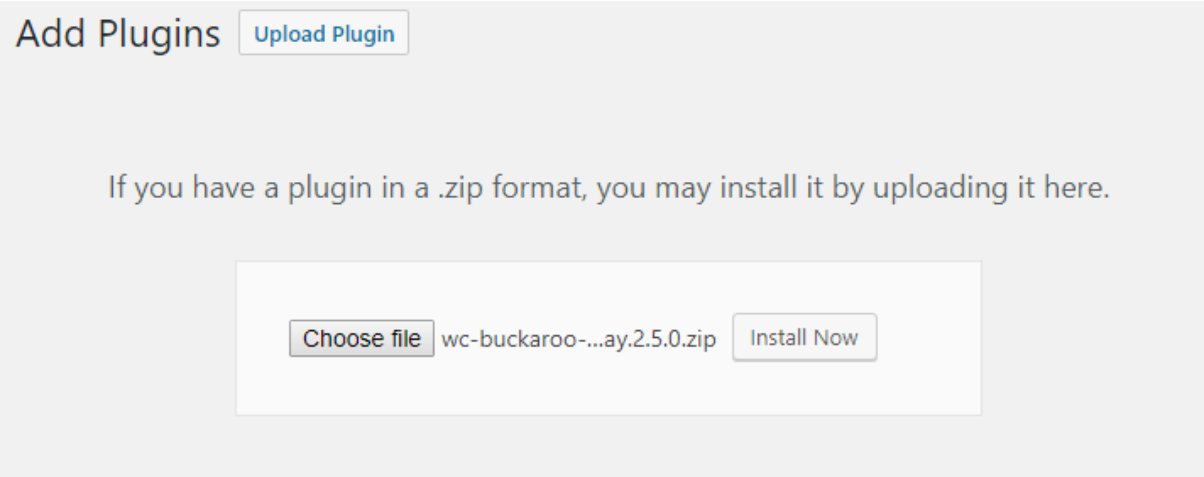
- A SOAP client for PHP must be activated (http://php.net/manual/en/soap.installation.php)
- WordPress should be installed (http://wordpress.org/download/)
- Wocommerce should be installed (http://wordpress.org/plugins/woocommerce/)

Download the latest plugin version here:
https://wordpress.org/plugins/wc-buckaroo-bpe-gateway/

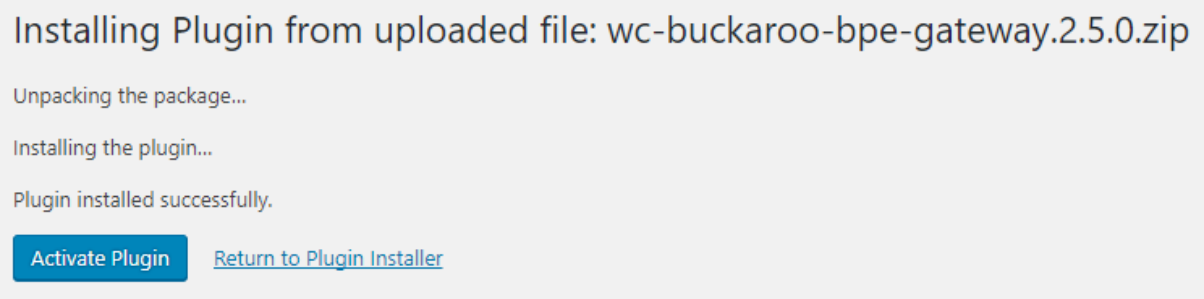
3.2 WooCommerce plugin installation

Login to the WooCommerce admin panel.

Go to Plugins, choose Add New Plugin. Then Click Upload Plugin.



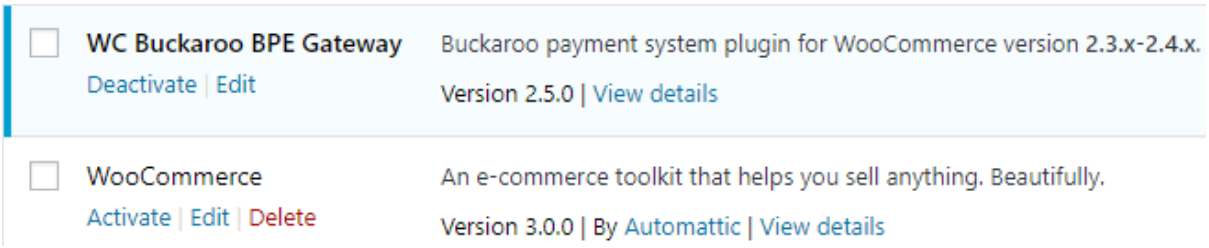
Click Choose file. Navigate to the zip file and choose *Install Now*.



The plugin can be activated by the *Activate Plugin* button.

3.3 Check WooCommerce plugin installation

Go to Plugins and check if WC Buckaroo BPE 3.0 Gateway is activated. If it isn't, click *Activate*.



4. Plugin configuration

4.1 General configuration

The BPE 3.0 Wordpress WooCommerce extension, has it general and default settings in Buckaroo Master settings. Go to *WooCommerce* > *Settings* > *Checkout* -> *Buckaroo Master Settings*.

4.1.1 Configuration for existing customers of the plugin

If you are working with a fresh installation of the BPE 3.0 Gateway plugin, skip to section 4.1.2. However, if you're upgrading from an existing version of the plugin to version 2.6.1, you will see a button labelled *Migrate* on the Master Settings page.
You previous version of the plugin should work and should be active, else go to section 4.1.2.

Pressing the *Migrate* button will start the migration process. The migration process may take a few minutes. You will know it is complete, because one of the following messages will appear below the button:

- Migration complete, please refresh the page. For improved security, you can also delete your Buckaroo certificate from your certificate folder.
- Settings could not be migrated.
    - In this case procede to configure the plugin from the start (4.1.2)

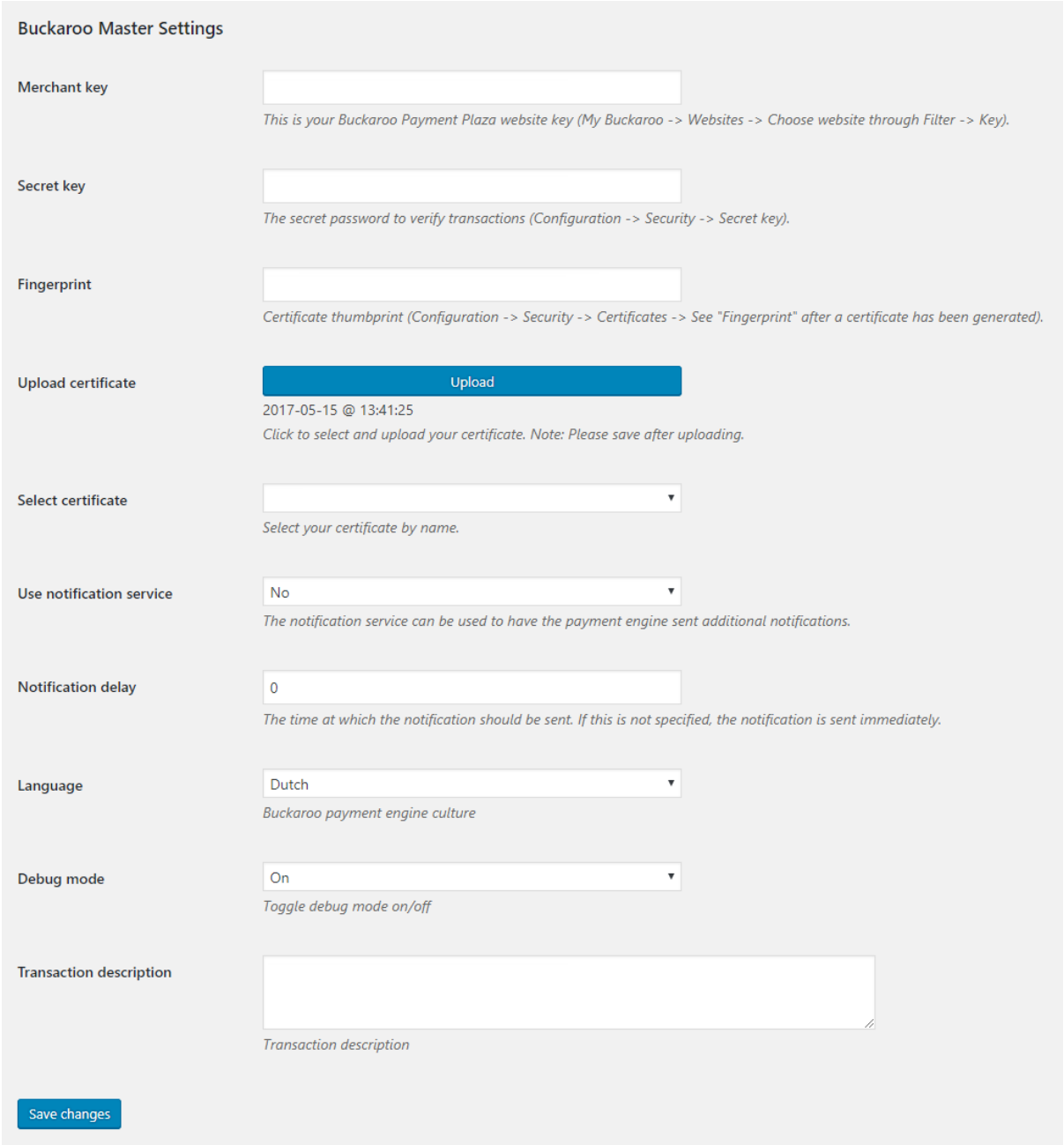
4.1.2 Configuring the Master Settings page

Go to *WooCommerce* > *Settings* > *Checkout* -> *Buckaroo Master Settings*.
The following settings can be set from the Master Settings page.

Migrate Settings	See section 4.1.1
Merchant key*	Provide your websitekey from the Payment Plaza.
Secret key*	Provide your Secret Key from the Payment Plaza.
Fingerprint*	Provide your thumbprint from the Payment Plaza.
Upload Certificate*	Upload your Buckaroo certificate file (this is usually called certificate.pem), by clicking the *Upload* button. Then press the *Save* button at the bottom of the page. When the page reloads, click on the *Select Certificate* dropdown, select your certificate and press *Save*.
Select Certificate*	See Upload Certificate setting (row above).
Use Notification Service	Set this to *Yes*, to have the payment engine send additional notifications.
Notification delay	How long (days) until the notification is sent.

Language	Select which language will be provided in the Buckaroo payment screens.
Debug Mode	Toggles the debug features of the plugin on/off.
Transaction description	Provide your transaction information. Transaction information enables you identify your shop in the Payment Plaza.

* For information about this field see section 2 (for Upload Certificate & Select Certificate), these settings are required for payments to be processed.



Most settings on this page, can also be set individually in each payment method. Which is probably only required in specific case.

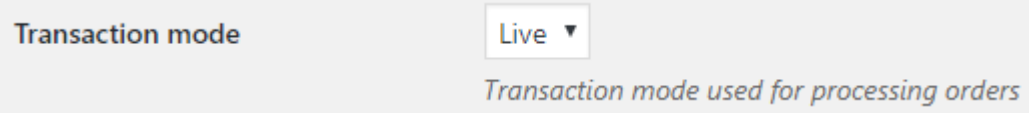
Migrate Settings and *Debug Mode* are unique to the Master Settings page.

4.1.3 Configuring Payment Methods Individually

4.1.3.1 Required Settings

Go to *WooCommerce* > *Settings* > *Checkout*. Now click of the payment method you wish to use (e.g. *Buckaroo iDEAL*, *Buckaroo Creditcards*, *Buckaroo AfterPay*, etc). At the top of the page, you will see a checkbox that toggles the *Enable/Disable* setting for that payment method. Tick this checkbox, to allow payments via the method (see below for example using *Buckaroo iDEAL*).

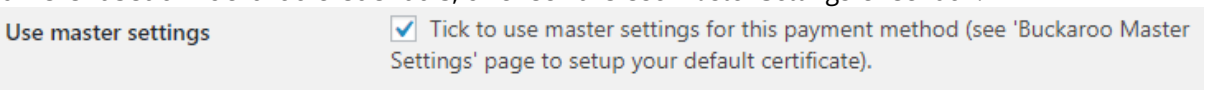
Next, make sure the payment method you wish to use is set to *Live* mode. Click on the dropdown next to *Transaction Mode* and select *Live*. **Note:** Test transactions are normally disabled for a live account. See section 2.1 step 6 for the settings for test transactions.



Finally, save your changes by clicking the *Save changes* button.

4.1.3.2 Overriding Master Settings

As mentioned above in 4.1.2, most of the Buckaroo Master Settings can be configured individually. To follow this example, go to *WooCommerce* > *Settings* > *Checkout* > *Buckaroo iDEAL*. To use a different set of Buckaroo credentials, uncheck the *Use Master Settings* checkbox.



Upon unticking this, you will see the following settings appear on the page:

- Upload Certificate
- Merchant Key
- Secret Key
- Fingerprint
- Transaction description
- Language
- Select Certificate
- Use Notification Service
- Notification delay

For details regarding which of these is required and how to set them, see section 4.1.2.

If you choose not to use Master Settings, all settings will be taken from that individual payment method (also when left blank).

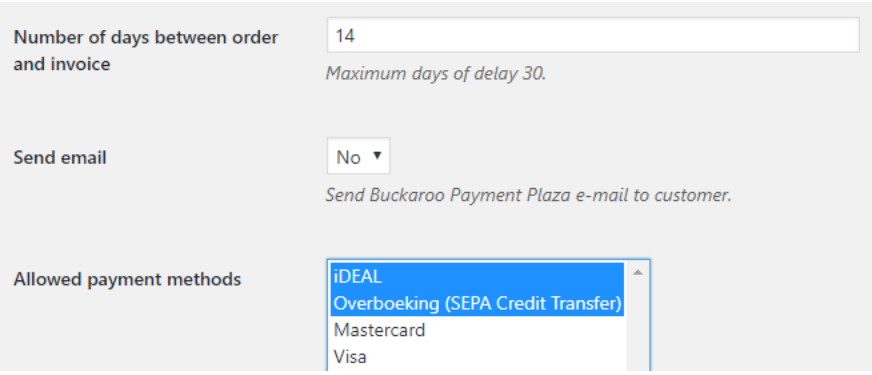
4.2 Payment methods configuration

The following payment methods have additional settings (Go to *WooCommerce* > *Settings* > *Checkout*):

- Buckaroo Payment Guarantee
- Buckaroo SEPA Direct Debit
- Buckaroo Bank Transfer
- Buckaroo AfterPay

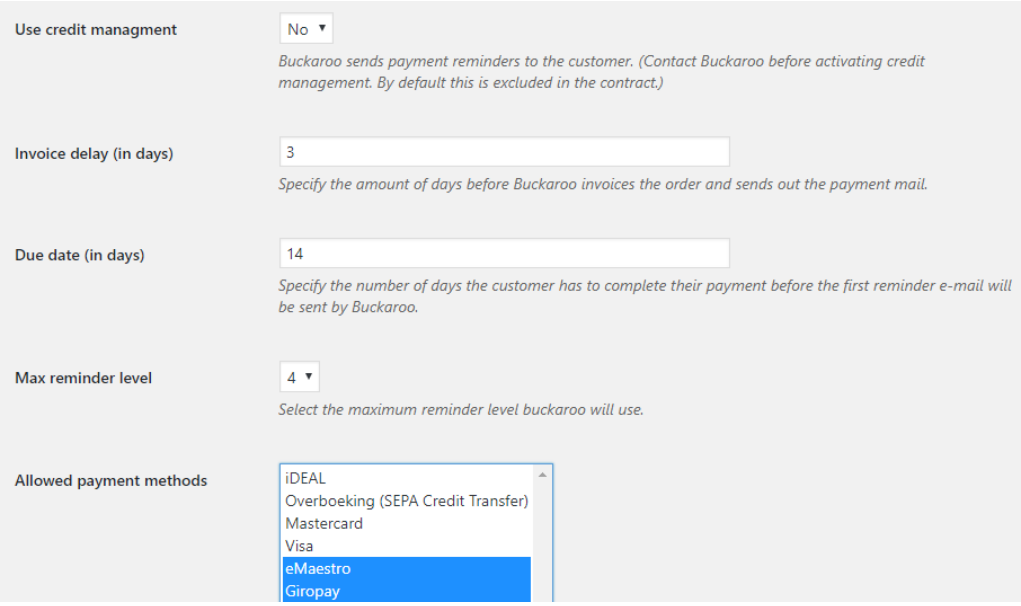
4.2.1 Buckaroo Payment Guarantee

Number of days between order and invoice	How many days are there between the order date and the invoice date. The moment the customer should pay is the invoice date.
Send email	Buckaroo will send an email after a guarantee request was successful.
Allowed payment methods	Select the payment methods the customer can use to pay the invoice.



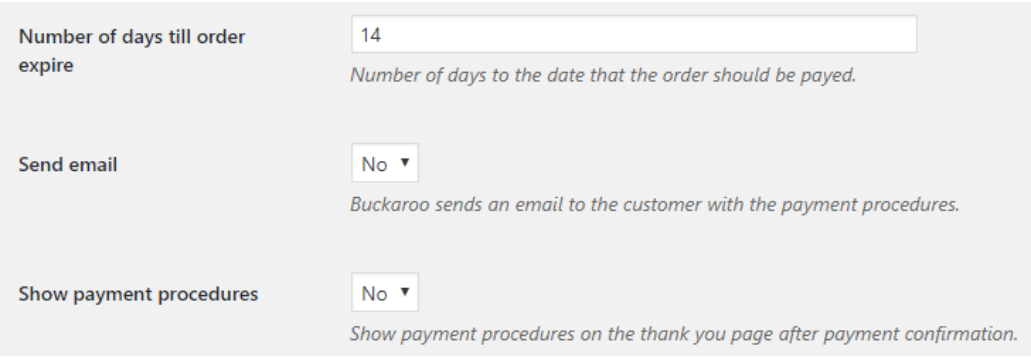
4.2.2 Buckaroo SEPA Direct Debit

Use Credit Management	Buckaroo sends payment reminders to the customer. Contact Buckaroo before activating Credit Management. The default setting is that this service is excluded in the contract.
Invoice delay (in days)	Specify the amount of days before the invoice should be paid.
Due date (in days)	Specify the number of days the customer has to complete their payment before the first reminder e-mail will be sent by Buckaroo.
Max reminder level	Select the maximum reminder level Buckaroo will use.
Allowed payment methods	Select the payment methods the customer can choose to pay the invoice.



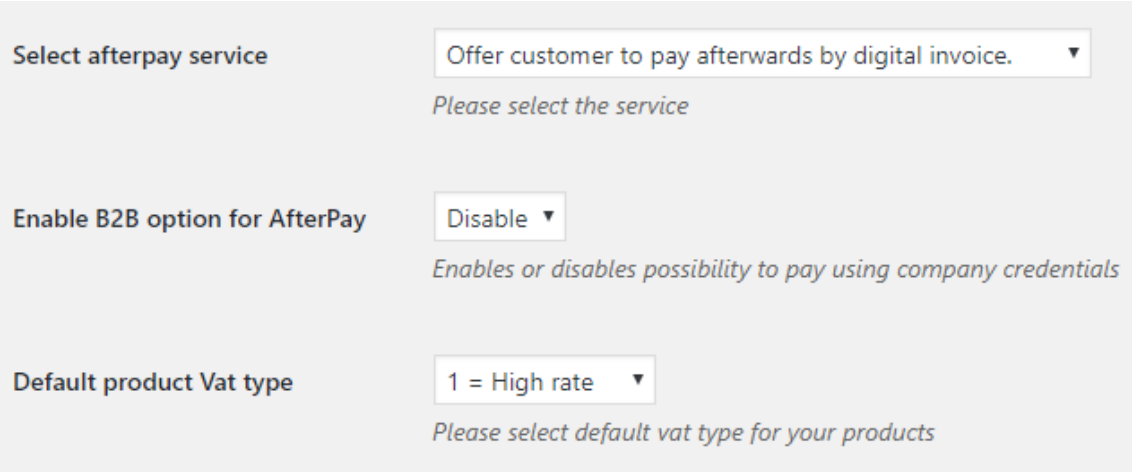
4.2.3 Buckaroo Bank Transfer

Number of days till order expire	Number of days in which the payment is expected. The date is used in the email.
Send email	Buckaroo sends email to customer with the bank transfer information.
Show payment procedures	Show bank transfer information on the return page.



4.2.4 Buckaroo AfterPay

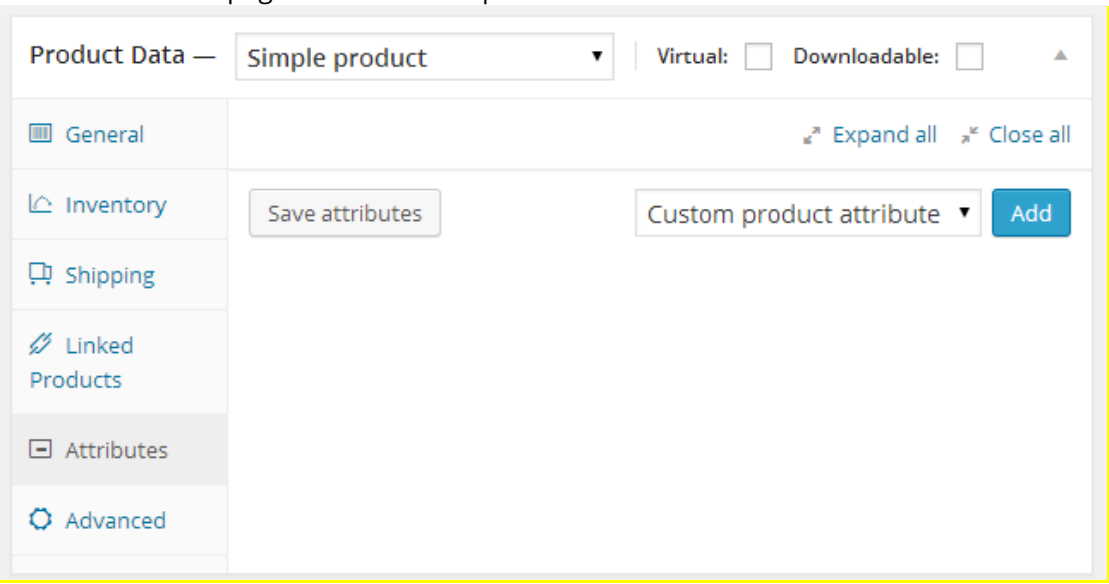
Select afterPay service	Which service you want to use for processing the payment. For questions, contact support@buckaroo.nl.
Enable B2B option for AfterPay	Determines whether a customer can pay using company credentials.
Default product Vat type	Provide the default VAT type for your products. This is a required field.



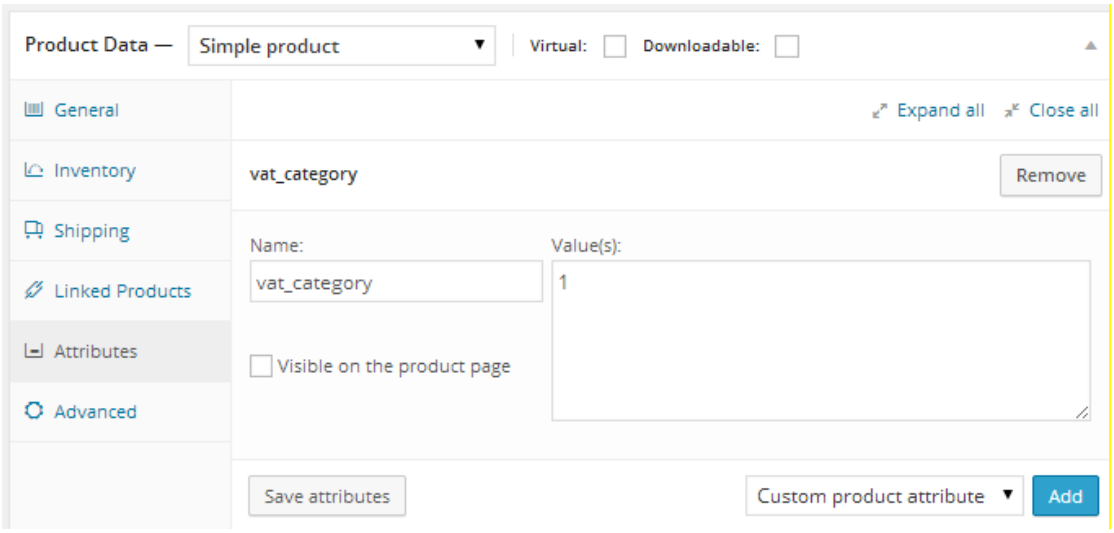
4.3 Additional VAT Types

There are currently 5 VAT types. If you sell different kinds of products that require different VAT types, do the following:

Go to the Product page and select Edit product. Then select the Attributes tab.



Next, add the attribute **vat_category** to the product as an invisible attribute. Set value from 1 to 5 according to the product VAT category type. This attribute will overrule the default product VAT type setting.


Product Data —
Simple product
Virtual:
Downloadable:
General
Inventory
Shipping
Linked Products
Attributes
Advanced
Expand all
Close all
vat_category
Remove
Name:
vat_category
Value(s):
1
Visible on the product page
Save attributes
Custom product attribute
Add

5. FAQ

Question 1: I installed the plugin, but the transactions aren't working. What's wrong?
Answer: Check if all data is filled in correctly. Please check the *website key*, the secret key and whether the certificate is uploaded. Also check the Buckaroo report in the left menu of your WordPress installation. If you're making test transactions, also check if *Allow test transactions* is enabled. To do this:

a) Log into plaza.buckaroo.nl
b) Go to *My Buckaroo* > *Websites*
c) Select the website from the *Select websites* dropdown
d) Click on the *3.0 Settings* tab
e) Make sure that the *Allow test transactions* checkbox is ticked.

Question 2: Transactions are working fine and are visible in Buckaroo with status success, but the status in my WooCommerce environment isn't changed. How is this possible?
Answer: Most likely the push settings aren't set correctly. The push is used the update the status of an order in WooCommerce. Check the manual and check you *Push settings* in plaza.buckaroo.nl. To access your push settings:

a) Log into plaza.buckaroo.nl
b) Go to *My Buckaroo* > *Websites*
c) Select the website from the *Select websites* dropdown
d) Click on the *Push settings* tab, then check the following:
    i. If your website is secured (URL starts with https instead of http) the push URL should also start with https.
    ii. Check that *3.0 BPE return fields* is set to 'Lowercase letters'.

Question 3: I installed the plugin, but the transactions aren't working. What's wrong?
Answer: Most likely the *3.0 BPE return fields* setting in our plaza is not set to 'Lowercase letters'. To check this:

a) Log into plaza.buckaroo.nl
b) Go to *My Buckaroo* > *Websites*
c) Select the website from the *Select websites* dropdown
d) Click on the *Push settings* tab
e) Check that *3.0 BPE return fields* is set to 'Lowercase letters'

Additionally, you should check that the *Secret key* in our plaza matches the *Secret key* in the Buckaroo plugin in WooCommerce. Also, check that the *Secret Key* only contains alpha numeric characters. Once logged into plaza.buckaroo.nl, the *Secret key* can be found at *Configuration* > *Security* > *Secret key* (Check the manual for more information about the push settings).