



Bank Alfalah

Merchant Integration Guide

WooCommerce Plugin

V 1.0

Introduction

This document is for the authorized Alfa Payment Gateway WooCommerce Plugin. The plugin can be easily and seamlessly integrated into an existing website, web store or any of your online presence that is built using Wordpress (Woocommerce) framework. The plugin contains the enablement of following two features:

1. Payment processing via Redirection to Alfa payment Gateway Secure Payment Page
2. Support for IPN feature (Instant Payment notification to update payment status of order)

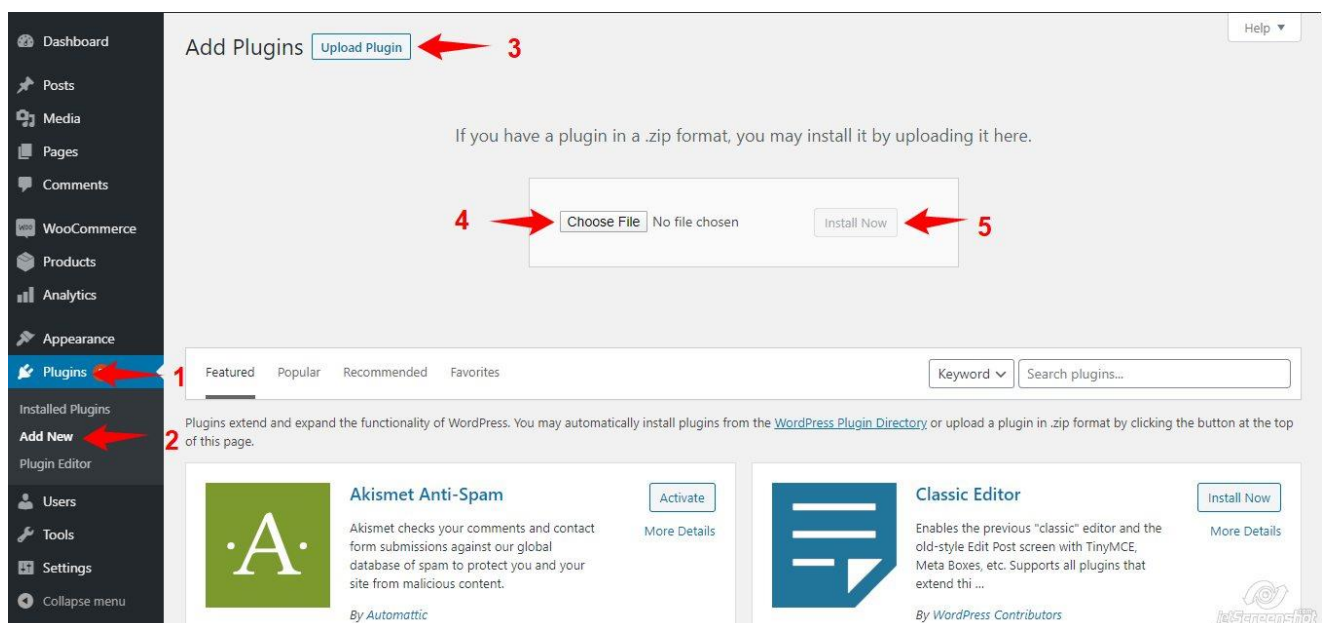
Installation

To install Alfa Payment Gateway **WordPress Woocommerce** Plugin, please follow the steps given below:

- **Login to Admin >> Plugins >> Add New**
- Here you should click on **Upload Plugin**

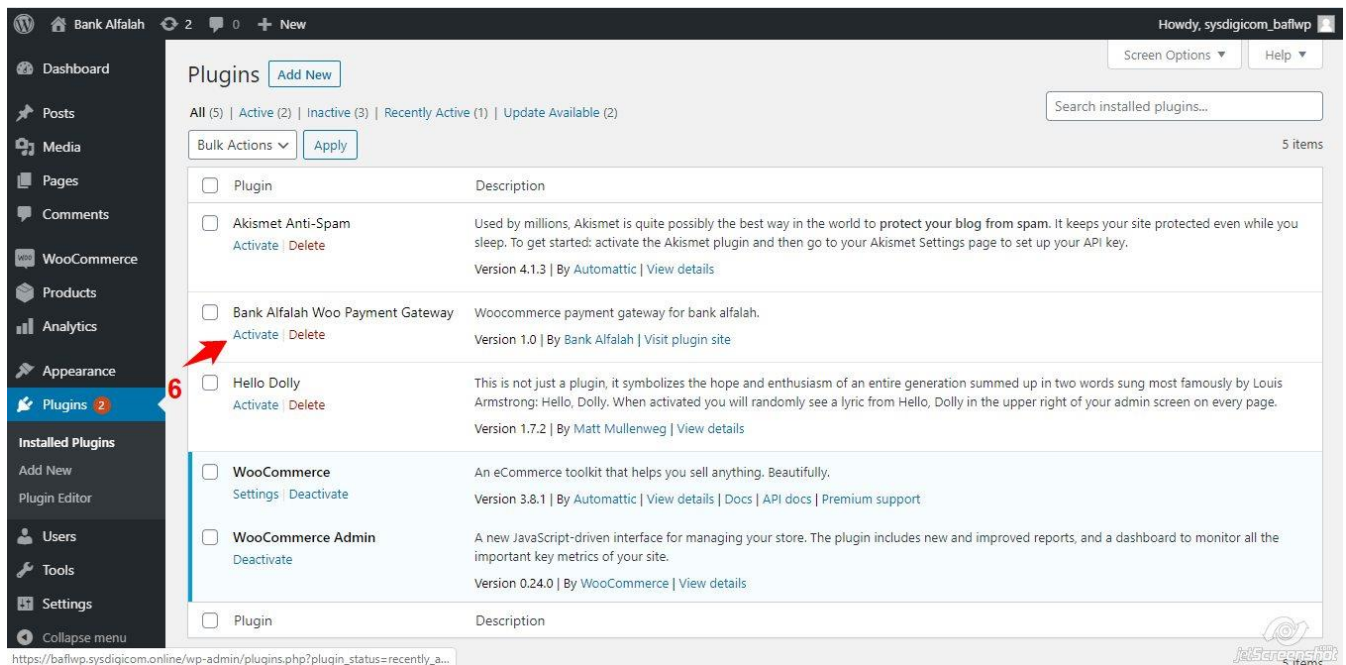
Now upload the **bank-alfalah.zip** file that provided to you.

Please see this image



After successful installation the plugin will appear under **Plugins**.

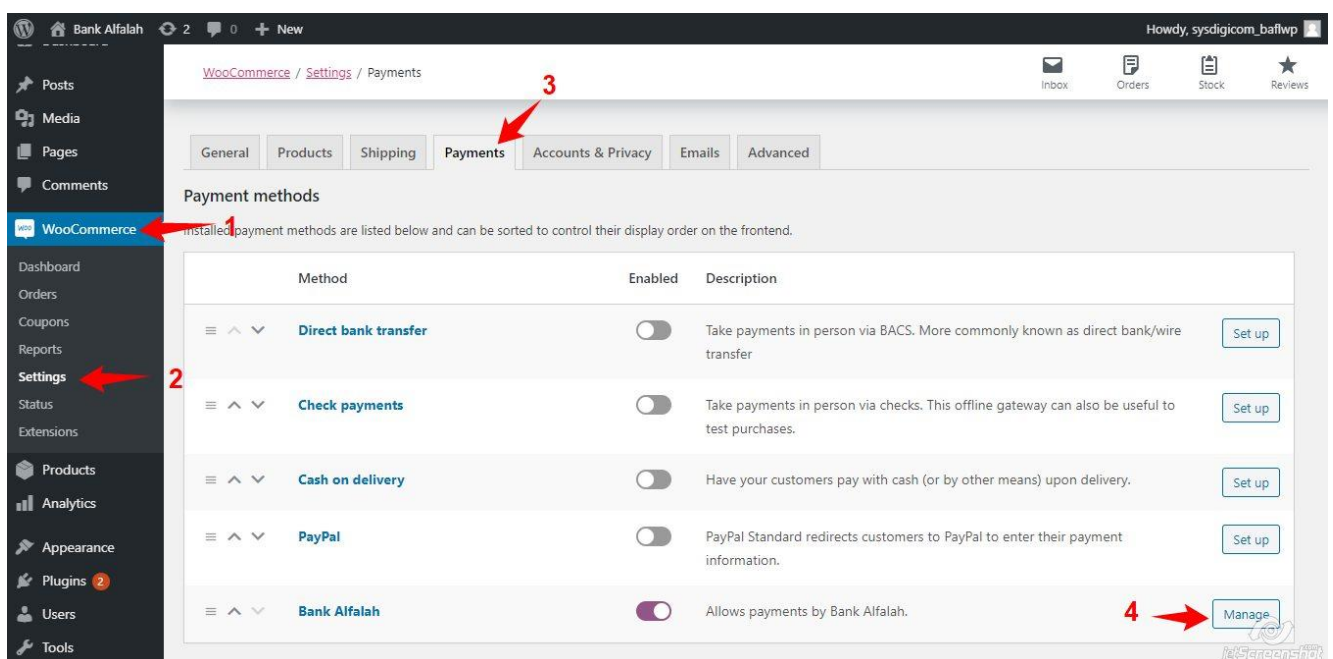
Now **active** your plugin here.



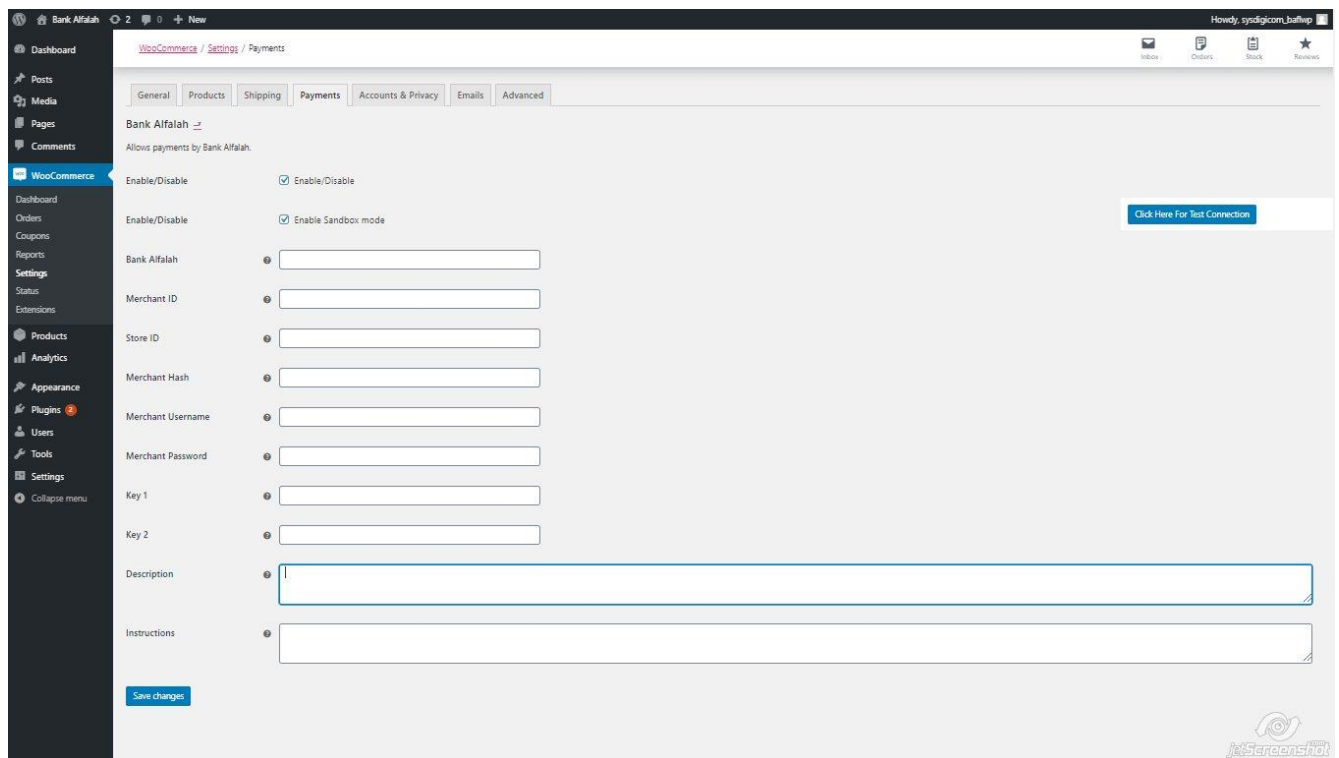
Configurations

For Merchants using **WordPress Woocommerce** plugin need to be set by admin. For this, please navigate to **Woocommerce -> Settings -> Payments -> Alfa Payment Gateway** (by clicking Alfa Payment Gateway or Manage).

Please see this image



After clicking Alfa Payment Gateway or Manage you will find bank alfalah configuration page.

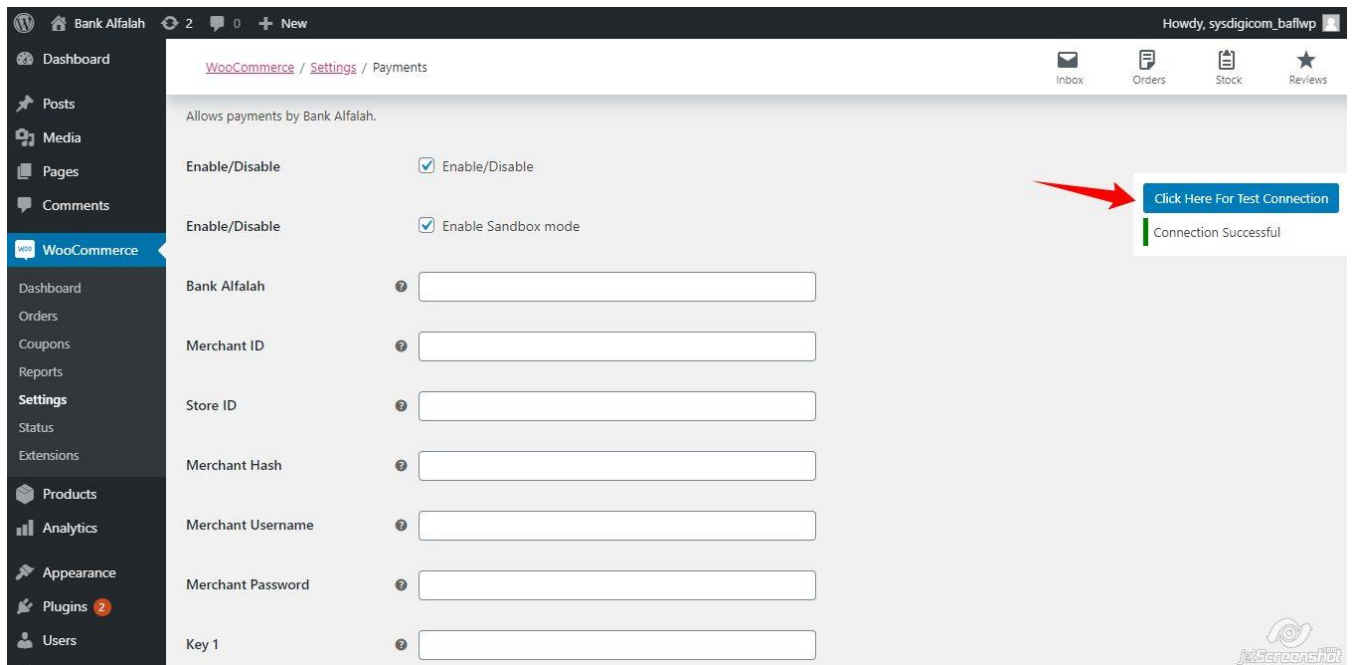


Here you need to add following credentials shared by bank Alfalah:

- **Merchant ID**
- **Store ID**
- **Merchant Hash**
- **Merchant Username**
- **Merchant Password**
- **Key 1**
- **Key 2**

Now you can check **connection** between your website and bank Alfalah.

Please see this image



After click on **Test Connection** on connection, you will find **Connection Successful** message

Payment Types

There are 2 tabs for merchant mode settings. **Sandbox Configuration** and **Production Configuration**. You will need to enter the valid information in those fields. Sandbox fields should be required. There is a Test Connection button where you can check either merchant connection is valid or not.

How to get the configurational Values

On Sandbox

Credentials Generator

Store ?

Apg Test eStore

Return URL ?


http://google.com

Listener URL ?


https://bafloc.sysdigicom.on

Reset Credentials


- 1- Select Store from Store Dropdown
- 2- Enter your Return URL where you want the customer to redirect back after transaction has concluded
- 3- Enter your listener URL where you want to receive the instant payment notification with transaction status post transaction
- 4- Click on generate credentials button upon which your credentials will be generated as shown below

Merchant Hash Key (Auto Generated) ? 

AkM.....edx/Y8

Merchant Username (Auto Generated) ? 

ixy.....

Merchant Password (Auto Generated) ? 

OYLvA.....

- Use the Hash key value, username and password generated and enter in the plugin configuration panel while integrating with Sandbox

On Production

Home

Administration

Go Live

Reports

Refunds

Chargeback

STEP 1

Complete Integration with Sandbox
(In case you have completed this already, you may skip this)


Access Sandbox

STEP 2


Generate integration credentials for live account

Store ?

Apg Test eStore

Return URL ? 

https://google.com

Listener URL ? 

https://google.com

STEP 3

Download integration guide and refer go-live

Download

- 1- Select Store from Store Dropdown
- 2- Enter your Return URL where you want the customer to redirect back after transaction has concluded
- 3- Enter your listener URL where you want to receive the instant payment notifications with transaction status post transaction

- 4- Click on generate credentials button upon which your credentials will be generated as shown below

The screenshot displays a three-step integration process. Step 1, 'Complete Integration with Sandbox', includes an 'Access Sandbox' button. Step 2, 'Generate integration credentials for live account', contains fields for 'Store' (Apg Test eStore), 'Return URL' (https://google.com), and 'Listener URL' (https://google.com). A red box highlights the generated credentials: 'Merchant Hash Key (Auto Generated)' (OUU362qhe), 'Merchant Username (Auto Generated)' (muc), and 'Merchant Password (Auto Generated)' (1slC). Step 3, 'Download integration guide and refer go-live', features a 'Download' button. A sidebar on the left lists navigation options: Home, Administration, Go Live, Reports, Refunds, and Chargeback.

- Use the Hash key value, username and password generated and enter in the plugin configuration panel while integrating with production

Extracting Merchant ID & Store ID

The screenshot shows the 'API Testing' interface. The left sidebar contains links to Dashboard, Documentation, Integration, FAQ, and Logout. The main content area is titled 'API Testing' and includes a breadcrumb 'API Testing / Overview'. Below the title, it states 'For API Testing, merchant will be following below steps:'. The first step is 'Step 1: Handshake Request:', which includes instructions to 'Enter Order ID' and 'Click on Handshake'. A form for 'Order ID:' is shown. Below this, the 'Handshake Request Pay Load - JSON:' is displayed, with a green box highlighting the entire JSON payload. Within this payload, a red box highlights the 'HS_MerchantId' and 'HS_StoreId' fields.

```
{
  "HS_ChannelId": "1002"
  , "HS_MerchantId": "31"
  , "HS_StoreId": "000827"
  , "HS_ReturnURL": "http://google.com"
  , "HS_MerchantHash": "AkMiVFDfuxabavcMQyc9fPBRjqedx/Y8"
  , "HS_MerchantUsername": "ixyzul"
  , "HS_MerchantPassword": "OYLvARzwJx9vFzk4yqF7CA=="
  , "HS_TransactionReferenceNumber": ""
  , "HS_RequestHash": ""
}
```

- Now in the sandbox portal click on Integration (in nav menu) and then select API. In the Handshake Request Pay Load highlighted in green above, you will extract the following configuration values that will be used **for both sandbox integration and for integration with production**

- I. Merchant ID
- II. Store ID

Checkout Page

After saving admin stores configurations, review your payment section on customer-end checkout page:

Please see this image

Billing details

First name *

Last name *

Company name (optional)

Country *

Pakistan

Street address *

House number and street name

Apartment, suite, unit etc. (optional)

Town / City *

Your order

Beanie x 1	Rs18.00
Subtotal	Rs18.00
Total	Rs18.00

Bank Alfalah

Alfalah Wallet

Alfalah Account

Alfalah Card

Your personal data will be used to process your order, support your experience throughout this website, and for other purposes described in our [privacy policy](#).

PLACE ORDER

Your bank alfalah Payment Method has successfully been integrated and ready to use

Data Flow between WordPress Woocommerce & Alfa Payment Gateway

- The data flow between **WordPress Woocommerce** plugin and Alfa Payment is completely secure and all the communication is over SSL. This **WordPress Woocommerce** plugin also built over SSL.
- After selecting payment method from **WordPress Woocommerce** Checkout, Systems will ask customer to wait while redirecting to Alfa Payment gateway secure payment page where customer will be asked to enter payment details
- After successful/failed payment, customer will be redirected to success/fail page of your website