



OPENCART 2 INTEGRATION GUIDE

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PAYFORT
INTEGRATION TEAM

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Definition of the plugin:

A plugin is a piece of software containing a group of functions that can be added to your website. It can extend functionality or add new features to your websites.

Purpose of using a plugin:

It makes it easy for you to add features on their website without writing a single line of code.

- Reduce the Integration effort and time.
- Reduce the errors and bugs that made by the developers.

Before Starting the Integration you should follow the below steps:

Account Activation:

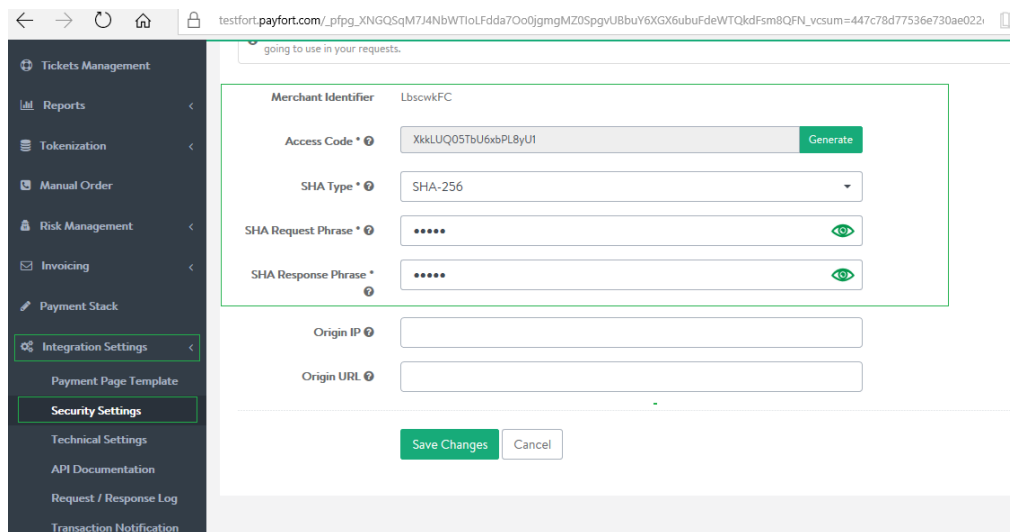
1.1: Account activation:

The first step you need to do is to access your Payfort test account and activate it. You should be received an email from Payfort with a link to activate your account. Open that link and generate your new password, then set the security question and security image to complete the login step. Please contact support@payfort.com to get your test account access.

1.2: Security Settings:

After that go to **“Integration Settings”** in the left menu and choose **“Security Setting”**, then you will be able to see the below configurations such as (Access code, Merchant Identifier, ..etc.)

Note: You will need this information later on, while doing the [plugin configuration](#) setup.



The screenshot shows the Payfort Integration Settings page, specifically the Security Settings section. The page is accessed via a browser at the URL: `testfort.payfort.com/_pfpq_XNGQsqM7J4NbWTioLFdda7Oo0jgmgMZ0SpgvUBbuY6GX6ubufdeWTQkdFsm8QFN_vcsun=447c78d77536e730ae022`. The left sidebar menu includes: Tickets Management, Reports, Tokenization, Manual Order, Risk Management, Invoicing, Payment Stack, Integration Settings (highlighted), Payment Page Template, Security Settings (highlighted), Technical Settings, API Documentation, Request / Response Log, and Transaction Notification. The main content area shows the following fields:

- Merchant Identifier: LbscwkFC
- Access Code *
- SHA Type *
- SHA Request Phrase *
- SHA Response Phrase *
- Origin IP
- Origin URL

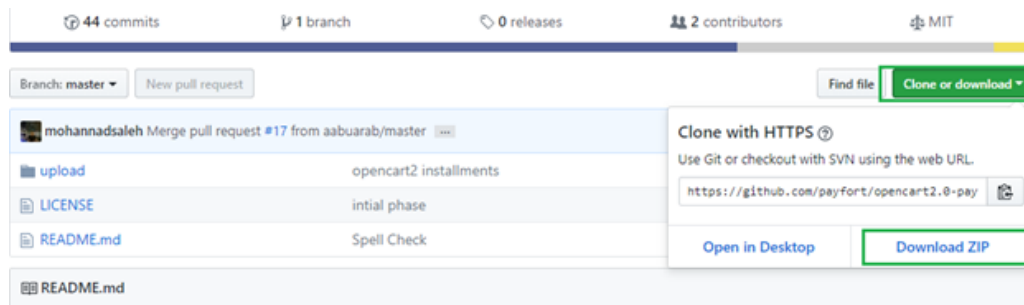
At the bottom, there are two buttons: and .

Plugin installation:

2.1: Download the plugin:

You need to download Opencart plugin from the below link:

<https://github.com/payfort/opencart2.0-payfort>



Note: Before installing the plugin, please make sure to read **README.md** section in the above page to check the compatibility for your CMS with our plugins.

2.2: Install the plugin:

Using FTP, upload entire content from inside upload folder to the root of your Opencart store. if you getting "Page Not Found!" Error on extension->payments page , Try to remove these directories from your server :

{opncart_path}/admin/controller/extension/payment

{opncart_path}/catalog/controller/extension/payment

Only who have opencart v2.0.x.x might face this issue.

Plugin configuration:

3.1: Open the configuration page:

After the installation please go to the plugin configuration page from the following path:

- Go to Admin > Extensions > Payments and click install next to the Payfort Fort module.
- Click on the edit link to set up the module configuration.

The screenshot shows the OpenCart administrator interface. On the left is a sidebar menu with 'Payments' highlighted in green. The main content area is titled 'Payments' and contains a 'Payment List' table. The table lists various payment methods with their status and action options. The 'Payfort FORT' row is highlighted in green.

Payment Method	Status	Sort Order	Action
Login and Pay with Amazon	Disabled		<input type="radio"/> <input type="checkbox"/>
Authorize.Net (AIM)	Disabled		<input type="radio"/> <input type="checkbox"/>
Authorize.Net (SIM)	Disabled		<input type="radio"/> <input type="checkbox"/>
Bank Transfer	Disabled		<input type="radio"/> <input type="checkbox"/>
BluePay Hosted Form	Disabled		<input type="radio"/> <input type="checkbox"/>
BluePay Redirect (Requires SSL)	Disabled		<input type="radio"/> <input type="checkbox"/>
Cheque / Money Order	Disabled		<input type="radio"/> <input type="checkbox"/>
Cash On Delivery	Enabled	5	<input type="radio"/> <input type="checkbox"/>
NOCHEX	Disabled		<input type="radio"/> <input type="checkbox"/>
Payfort FORT	Enabled		<input type="radio"/> <input type="checkbox"/>
PayFort: American Express	Disabled		<input type="radio"/> <input type="checkbox"/>

3.2: Configure the plugin:

At this page you will be requested to fill the below information:

- 1- **Status:** It allows you to enable or disable Payfort gateway on your website. (please enable it)
- 2- **Language:** you can choose AR , EN or Store language.
- 3- **Merchant Identifier:** You can get it from “Integration Settings” then choose “Security Setting” [section 1.2.](#)
4. **Access code:** You can get it from “Integration Settings” then choose “Security Setting” [section 1.2.](#)
5. **Hash algorithm:** : You can get it from “Integration Settings” then choose “Security Setting” [section 1.2.](#)
6. **Command:** you will choose either PURCHASE or AUTHORIZATION depends on your agreed method on your deal.
7. **Request SHA phrase:** You can get it from “Integration Settings” then choose “Security Setting” [section 1.2.](#)
8. **Response SHA phrase:** You can get it from “Integration Settings” then choose “Security Setting” [section1.2.](#)
9. **Sandbox Mode:** YES if you are on the test mode , once you go live you should change the value to NO.
10. **Gateway Currency:** You can choose either Front currency or Base currency. If you choose **the Front Currency** , we will consider the currecny selected in the store and process the payment through it , if you choose **Base currecny** , we will consider the currecny setup in your admin panel to process the payments.

11. Host to Host url: Please copy the "host to host url" then go to your test account under the following path :

Integration Settings >> Technical Settings >> choose your payment channel ex:(Merchantpage , Redirection) >> paste the URL under Direct Transaction Feedback field.

This URL is responsible to push the payment response and update the order status in your admin panel.

Here below a screenshot from the Technical Settings Tab and the field should be configured there :

The screenshot displays a form with the following fields and options:

- Direct Transaction Feedback ***:
- Notification Transaction Feedback ***:
- Redirection URL ***:
- Return URL Type ***: POST, GET
- Response Type ***: JSON, XML

At the bottom of the form, there are two buttons: **Save Changes** (green) and **Cancel** (white).

Edit

General Credit \ Debit Card Installments SADAD NAPS

1- Status Enabled

2- Language Arabic (ar)

3- * Merchant Identifier jAEedCj0

4- * Access Code UP68d\wby0RRICBDYBS

5- Command Authorization

6- Hash Algorithm SHA-256

7- * Request SHA Phrase dRNdYQUpseb2'D

8- * Response SHA Phrase shareponse

9- Sandbox Mode Yes No

10- Gateway Currency Front Currency

Debug mode: Enabled

Order Status Pending

Order Placement Always

11- Host to Host URL: http://104.131.62.101:8803/opencart2/index.php?route=payment/payfort_fort/response

- **Order Status** : You can choose the status you need to be displayed if the payment has been completed for the order.
- **Order Placement** : Please set it as Always

12. Credit\ Debit card:

- A- **Status**: You need to enable it in order to add this payment option to your website.
- B- **Integration Type**: You have to choose one of the following channels based on your agreed service in your deal with Payfort. (Redirection, Merchan Page, Merchant Page 2).

Note: You can see the enabled payment channel by accessing your test account, then go to “Account setup” and choose “Payment Option” tab.

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General Credit \ Debit Card Installments SADAD NAPS

A- Status Enabled

B- Integration Type Merchant Page 2.0

Sort Order

13. Installments:

- A- **Status:** This payment option allows to your customers to pay in installments. You can enable it if it's agreed in your Payfort deal.
- B- **Integration Type:** You have to choose one of the following channels based on your agreed service in your deal with Payfort. (Redirection, Merchan Page).

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General Credit \ Debit Card Installments SADAD NAPS

A- Status Enabled

B- Integration Type Redirection

Sort Order

14. SADAD:

Also our payment gateway allows your customers to make a payment using their SADAD account (This service available in Saudi Arabia only).

Note: You can check if SADAD payment option is enabled on your account by accessing your test account, then go to "Account setup" and choose "Payment Option" tab. If it's not enabled please contact our support team "support@payfort.com" and ask them to add it.

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General Credit \ Debit Card Installments SADAD NAPS

Status Disabled

Sort Order

15. NAPS:

You can enable this service if it's agreed in your Payfor deal. (This service available in Qatar only).

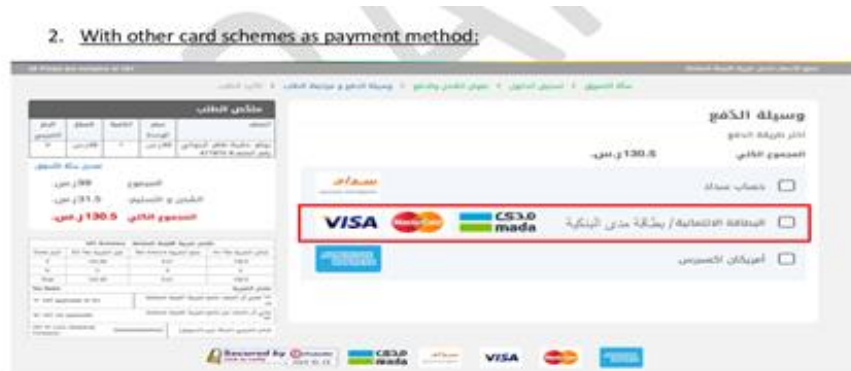
Note: You can check if NAPS payment option is enabled on your account by accessing your test account, then go to “Account setup” and choose “Payment Option” tab. If it’s not enabled please contact our support team “support@payfort.com”and ask them to add it.



MADA Integration:

MADA payment option works on the same Credit Card channel , no need to do a separated setup for this option , all what you need to do is mada branding compliance in your checkout page to verify the integration.

Please find the below screenshot which shows how you need to display mada in your checkout page:
In English and Arabic:



- Please make sure to add mada logo in your checkout, please find the below logo.



Test the integration:

After you complete the setup as per the above instructions , you can use our testing card details , which you can find them from the below link: <https://docs.payfort.com/>

Information to be provided to the Integration team :

Please note that Integration team need to test your website and certify the integration before moving it to live environment. So, please provide a product link from your website to Payfort Integration team integration@payfort.com.