Payment module integration for Drupal Commerce 2

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1. RELEASE NOTES

Version	Date	Comments
2.0.0	6/15/2018	Initial version.

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2. MODULE FEATURES

The payment module offers the following features:

- Compatibility with Drupal version 8
- Compatibility with Drupal Commerce version 2.x
- Multi-language compatibility
- Multi-currency compatibility
- Selective 3D-Secure depending on the order amount,
- Automatic redirection to the shop at the end of payment
- Systematic registration of orders at the end of payment via a silent URL (Instant Payment Notification URL)
- Immediate payment
- Credit card installment payment with the possibility to offer several options for installment payments (2, 3, 4 installments, etc.),
- PayPal payment

3. READ CAREFULLY BEFORE GOING ANY FURTHER

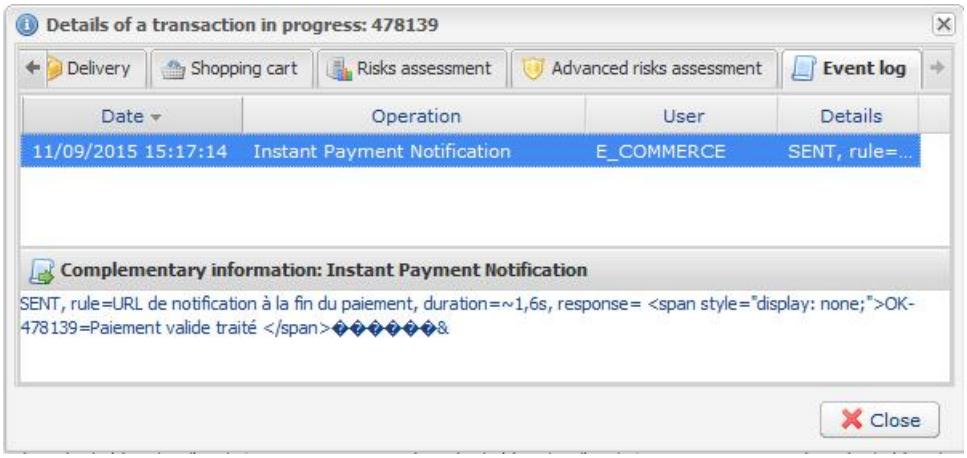
The most frequent error concerns the Instant Payment Notification URL. The Instant Payment Notification URL is the only way the PayZen gateway can notify you at the end of your payment. The chapter **Setting up the end of payment notification** must be read thoroughly and the provided instructions must be respected. It is essential to understand the difference between the Instant Payment Notification URL and the return URL which is called only if the buyer clicks on "Return to shop".

Common mistakes:

- **If your Drupal_Commerce shop is in maintenance mode**
- **If your Instant Payment Notification URL is protected by an .htaccess file**
- **If you have blocked the IP addresses of the payment gateway**
- **If you have not coded the Instant Payment Notification URL within the Back Office PayZen**

How to check that the Instant Payment Notification URL has been called:

In the PayZen Back Office, display the payment details (double click) and select the «**Event log**» tab.



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4. INSTALLMENT PAYMENT FEATURES

This module also allows you to offer the possibility to pay in installments. In module settings, you can choose the number of installments and the delay in days between each installment.

This module will allow you to view an order in your Drupal_Commerce Back Office with the total amount that has been paid using the "payment in 3 installments with no fees" module, for instance.

During the first installment payment, an authorization request for the amount of the first installment is sent (if the capture date is before the current date + 6). Therefore, you cannot be sure that the upcoming installments will be honored. Remember to check that the upcoming installments are authorized.

Starting from the second installment, the IPN is no longer called, as Drupal_Commerce does not support such notifications for finalized orders. It is needless to resend the IPN from the Back Office.

Additional feature implemented into this module

For installment payments, the PayZen payment gateway allows to also choose the amount of the first installment.

Example:

For an amount of 100 EUR paid in 3 installments, you can set the percentage of the first installment at 50% of the total amount. This means that the amount of the first installment will be 50EUR and the amount of the two other installments will be 25 EUR.

Payment method view

In module settings, you can define the minimum amount starting from which you wish to offer installment payment.

You can also set up the maximum amount until which you wish to offer installment payment.

To sum up, you must define a range for enabling payment in installments.

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5. PREREQUISITES

Before integrating the payment module, please make sure that you are in possession of the following elements:

- **Payment module file**: PayZen_Drupal_Commerce_8x-2.x_v2.0.0.zip
- **Your shop ID**
- **Test or production certificate**

The shop ID and the certificates are available in the PayZen Back Office (Menu: **Settings** > **Shop** > **Certificates**)

Your PayZen Back Office is available at this address:

https://secure.payzen.eu/vads-merchant/

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6. INSTALLING AND CONFIGURING THE PAYMENT MODULE

6.1. Updating the module

To update the payment module, you must first uninstall and delete its previous version.

WARNING: Do not forget to save the parameters of your module before you uninstall it and make sure you save the production certificate that is no longer visible in the PayZen Back Office.

1. From the Drupal_Commerce Back Office, go to the **Extension** menu:
2. In the list of available modules, uncheck the PayZen payment module then click on the **Save configuration** button at the bottom of the page.
3. Go to the **Uninstall** tab, check the box corresponding to PayZen then click on **Uninstall**.
4. Refer to the next chapters to add and install the new version of the payment module.

6.2. Adding the payment module

There are two ways of adding PayZen payment modules:

Automatic installation:

The first method consists in adding the payment module via the Drupal_Commerce Back Office.

From the administration panel of your store, go to the **Extension** and click on **Install a new module**.

Then, click on **Choose a file** and upload the payment module.

Manual installation:

The second method consists in copying the module via FTP. To do this, copy the Commerce Payzen folder into the /modules folder if your website.

6.3. Installation of the payment module

1. In your Drupal_Commerce Back Office, click on the **Extension** menu.

2. Search for **Commerce PayZen**, check the box to enable the module and click on the **Save Configuration** button. If the box is uncheckable, it means that some dependencies required for PayZen are missing.

6.4. Configuring the payment module

To access the payment module configuration, click on **Commerce** in the Drupal_Commerce Back Office then **Configuration** > **Payment gateways**.

Click the **Add payment gateway** button, then select one of the following payment methods to enter its configuration:

- **One-time payment**: Allows to enable and configure single payments.
- **Installment payment**: Allows to enable and configure payment in installments.
- **PayPal payment method**: Allows to enable and configure the PayPal through PayZen.

One-time payment

Search for **PayZen - Onet-Time payment** and select it.

Access to the payment gateway	
Shop ID	Indicate the 8-digit shop ID provided in your Back Office (Menu: **Settings** > **Shop** > **Certificates**).
Test certificate	Indicate the test certificate provided in your Back Office (Menu: **Settings** > **Shop** > **Certificates**).
Production certificate	Indicate the production certificate provided in your Back Office (Menu: **Settings** > **Shop** > **Certificates**). Note that the production certificate will only become available after the test phase has been completed.
Mode	Allows to indicate the operating mode of the module (**TEST** or **PRODUCTION**) The PRODUCTION mode becomes available only after the test phase has been completed. The TEST mode is always available.
Signature algorithm	Algorithm used to compute the signature of the payment form. The algorithm must be the same as the selected algorithm in the PayZen Back Office (**Settings** > **Shop**). If they are different, you will have to change the configuration in the PayZen Back Office. **WARNING:** SHA256 algorithm must not be selected until it is not available in the PayZen Back Office.
Instant Payment Notification URL	Copy this URL into your Back Office (Menu **Settings** > **Notification rules** > **Instant payment Notification URL at the end of payment**): http://www.mysite.com/web/payment/notify/payzen
Payment page URL	This field is pre-populated by default: *https://secure.payzen.eu/vads-payment/*

Payment page	
Default languages	This option allows to choose the default language of the payment page in case the language of Drupal_Commerce is not supported by PayZen. If the language(s) used by the Drupal_Commerce is (are) implemented into PayZen, the payment page will be displayed in the language of Drupal_Commerce when the buyer clicks on "Pay".
Available languages	Allows to customize the language displayed on the payment page. Buyer will be able to select a language when he is redirected on the payment page. If you do not select any language, all the languages will be displayed on the payment page. To select a language, press and hold the "`Ctrl`" key and click on the desired languages. Available languages: German, English, Chinese, Spanish, French, Italian, Japanese, Dutch, Polish, Portuguese, Russian, Swedish, Turkish.
Capture delay	By default, this parameter is configured in your Back Office. (Menu: **Settings** > **Shop** > **Configuration** - section: Capture delay) It is recommended to not populate this parameter.
Validation mode	***Back Office Configuration:*** Recommended value. Allows to use the configuration defined in the Back Office. (Menu: Settings > Shop > Configuration – section: validation mode) ***Automatic:*** This value indicates that the payment will be captured in the bank automatically without any action on the merchant's part. ***Manual:*** This value indicates that transactions will have to be manually validated by the merchant in the Back Office. Warning: if the transaction has not been validated by the merchant before the expiration date, it will never be captured in the bank.
Card types	This option allows you to define the title of the payment method. The buyer will see this title when choosing a payment method. If your shop supports several languages, you can also define the title of the payment method for each language.

Selective 3DS	
Disable 3D Secure	Amount below 3DS will be disabled. Below this amount, 3DS rules from the risk assessment will not be applied. Leave empty to let the payment gateway decide if a 3DS authentication is required. **WARNING:** **The value of this field will be taken into account only if the option "Selective 3D-Secure" is enabled for your PayZen shop.** **This option can only be enabled upon agreement of your bank.** **Some card types, such as MAESTRO, require a mandatory 3DS authentication. In this case, your configuration will not be taken into account.**

Return to shop	
Automatic redirection	This option allows to automatically redirect the buyer to the merchant website. This option depends on the following settings. This option is disabled by default.
Time before redirection (success)	In case the **automatic redirection** option is enabled, you can define the delay in seconds before your buyer is redirected to your shop in case of a successful payment.
Message before redirection (success)	In case the **automatic redirection** option is enabled, you can define the message that will appear on the platform following a successful payment before your buyer is redirected to the shop. The default message is: "Redirection vers la boutique dans quelques instants" (Redirection to the shop in a moment)
Time before redirection (failure)	In case the **automatic redirection** option is enabled, you can define the delay in seconds before your buyer is redirected to your shop in case of a failed payment.
Message before redirection (failure)	In case the **automatic redirection** option is enabled, you can define the message that will appear on the gateway following a failed payment before your buyer is redirected to the shop. The default message is: "Redirection vers la boutique dans quelques instants" (Redirection to the shop in a moment)
Return mode	During the redirection to the shop, these parameters are returned to the shop in **GET** or **POST** modes. The GET mode is more convenient for the buyer as it allows to prevent the browser from displaying a pop-up window that indicates that the buyer is leaving an https environment for an http environment which obliges the buyer to click on "Accept" to return to the shop.

Conditions	
Customer	
Limit by billing address	Check the box to limit the payment module by the billing address of the customer. Add the countries or postal codes for which you want to enable the payment module.
Limit by role	Check the box to limit the payment module by role. Then, select roles (authenticated users, administrators...) for which the payment module is enabled.
Limit by email	Check the box to limit the payment module by customer's email. Add the email for which you want to enable the payment module.
Order	
Limit by currency	Check the box to limit the payment module by currency. Then, select the currencies for which you want to enable the payment module.
Limit by store	Check the box to limit the payment module by store. Then, select the stores for which you want to enable the payment module.
Limit by total price	Check the box to limit the payment module by total price. Then, select the operator and enter the amount. • ***Greater than***: The payment module will be available only if the total amount is greater than the filled amount. • ***Greater than or equal to***: The payment module will be available only if the total amount is greater than or equal to the filled amount.

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Conditions	
	• ***Less than or equal to***: The payment module will be available only if the total amount is less than or equal to the filled amount. • ***Less than***: The payment module will be available only if the total amount is less than the filled amount. • ***Equal to***: The payment module will be available only if the total amount is equal to the filled amount.
Limit by type	Check the box to limit the payment module by type of order. Then, select the type of order for which you want to enable the payment module.
Conditions	You can apply several conditions at the same time. There are two choices: • All conditions must be filled in. • At least one condition must be filled in.
Status	Allows to enable or disable this payment method. This parameter is **enabled** by default.

Once you have completed the configuration, click **Save**.

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Payment in installments

Search for **PayZen - Payment in installments** and select it.

Access to the payment gateway	
Shop ID	Indicate the 8-digit shop ID provided in your Back Office (Menu: **Settings** > **Shop** > **Certificates**).
Test certificate	Indicate the test certificate provided in your Back Office (Menu: **Settings** > **Shop** > **Certificates**).
Production certificate	Indicate the production certificate provided in your Back Office (Menu: **Settings** > **Shop** > **Certificates**). Note that the production certificate will only become available after the test phase has been completed.
Mode	Allows to indicate the operating mode of the module (**TEST** or **PRODUCTION**) The PRODUCTION mode becomes available only after the test phase has been completed. The TEST mode is always available.
Signature algorithm	Algorithm used to compute the signature of the payment form. The algorithm must be the same as the selected algorithm in the PayZen Back Office (**Settings** > **Shop**). If they are different, you will have to change the configuration in the PayZen Back Office. **WARNING:** SHA256 algorithm must not be selected until it is not available in the PayZen Back Office.
Instant Payment Notification URL	Copy this URL into your Back Office (Menu **Settings** > **Notification rules** > **Instant payment Notification URL at the end of payment**): http://www.mysite.com/web/payment/notify/payzen
Payment page URL	This field is pre-populated by default: *https://secure.payzen.eu/vads-payment/*

Payment page	
Default languages	This option allows to choose the default language of the payment page in case the language of Drupal_Commerce is not supported by PayZen. If the language(s) used by the Drupal_Commerce is (are) implemented into PayZen, the payment page will be displayed in the language of Drupal_Commerce when the buyer clicks on "Pay".
Available languages	Allows to customize the language displayed on the payment page. Buyer will be able to select a language when he is redirected on the payment page. If you do not select any language, all the languages will be displayed on the payment page. To select a language, press and hold the "`Ctrl`" key and click on the desired languages. Available languages: German, English, Chinese, Spanish, French, Italian, Japanese, Dutch, Polish, Portuguese, Russian, Swedish, Turkish.
Capture delay	By default, this parameter is configured in your Back Office. (Menu: **Settings** > **Shop** > **Configuration** - section: Capture delay) It is recommended to not populate this parameter.
Validation mode	***Back Office Configuration:*** Recommended value. Allows to use the configuration defined in the Back Office. (Menu: Settings > Shop > Configuration – section: validation mode) ***Automatic:*** This value indicates that the payment will be captured in the bank automatically without any action on the merchant's part. ***Manual:*** This value indicates that transactions will have to be manually validated by the merchant in the Back Office. Warning: if the transaction has not been validated by the merchant before the expiration date, it will never be captured in the bank.
Card types	This option allows you to define the title of the payment method. The buyer will see this title when choosing a payment method. If your shop supports several languages, you can also define the title of the payment method for each language.

Payment options	
First installment	Amount of the first installment, expressed as a percentage of the total amount. Example: For an amount of 100 XPF paid in 3 installments, you can set the percentage of the first payment at 50% of the total amount. This means that the amount of the first installment will be 50euros and that the two others will be of 25euros. For 50% enter **50**. If you wish to set identical amounts for all installments, leave the field empty.
Number	Number of installments: **3** for payment in 3 installments **4** for payment in 4 installments Etc.
Delay	Delay (in days) between each installment.

Selective 3DS	
Disable 3D Secure	Amount below 3DS will be disabled. Below this amount, 3DS rules from the risk assessment will not be applied. Leave empty to let the payment gateway decide if a 3DS authentication is required. **WARNING:** **The value of this field will be taken into account only if the option "Selective 3D-Secure" is enabled for your PayZen shop.** **This option can only be enabled upon agreement of your bank.** **Some card types, such as MAESTRO, require a mandatory 3DS authentication. In this case, your configuration will not be taken into account.**

Return to shop	
Automatic redirection	This option allows to automatically redirect the buyer to the merchant website. This option depends on the following settings. This option is disabled by default.
Time before redirection (success)	In case the **automatic redirection** option is enabled, you can define the delay in seconds before your buyer is redirected to your shop in case of a successful payment.
Message before redirection (success)	In case the **automatic redirection** option is enabled, you can define the message that will appear on the platform following a successful payment before your buyer is redirected to the shop. The default message is: "Redirection vers la boutique dans quelques instants" (Redirection to the shop in a moment)
Time before redirection (failure)	In case the **automatic redirection** option is enabled, you can define the delay in seconds before your buyer is redirected to your shop in case of a failed payment.
Message before redirection (failure)	In case the **automatic redirection** option is enabled, you can define the message that will appear on the gateway following a failed payment before your buyer is redirected to the shop. The default message is: "Redirection vers la boutique dans quelques instants" (Redirection to the shop in a moment)
Return mode	During the redirection to the shop, these parameters are returned to the shop in **GET** or **POST** modes. The GET mode is more convenient for the buyer as it allows to prevent the browser from displaying a pop-up window that indicates that the buyer is leaving an https environment for an http environment which obliges the buyer to click on "Accept" to return to the shop.

Conditions	
Customer	
Limit by billing address	Check the box to limit the payment module by the billing address of the customer. Add the countries or postal codes for which you want to enable the payment module.
Limit by role	Check the box to limit the payment module by role.

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Conditions	
	Then, select roles (authenticated users, administrators...) for which the payment module is enabled.
Limit by email	Check the box to limit the payment module by customer's email. Add the email for which you want to enable the payment module.
Order	
Limit by currency	Check the box to limit the payment module by currency. Then, select the currencies for which you want to enable the payment module.
Limit by store	Check the box to limit the payment module by store. Then, select the stores for which you want to enable the payment module.
Limit by total price	Check the box to limit the payment module by total price. Then, select the operator and enter the amount. • ***Greater than***: The payment module will be available only if the total amount is greater than the filled amount. • ***Greater than or equal to***: The payment module will be available only if the total amount is greater than or equal to the filled amount. • ***Less than or equal to***: The payment module will be available only if the total amount is less than or equal to the filled amount. • ***Less than***: The payment module will be available only if the total amount is less than the filled amount. • ***Equal to***: The payment module will be available only if the total amount is equal to the filled amount.
Limit by type	Check the box to limit the payment module by type of order. Then, select the type of order for which you want to enable the payment module.
Conditions	You can apply several conditions at the same time. There are two choices: • All conditions must be filled in. • At least one condition must be filled in.
Status	Allows to enable or disable this payment method. This parameter is **enabled** by default.

Once you have completed the configuration, click **Save**.

Don't forget to configure the **Instant Payment Notification URL on batch authorization** rule to allows your Drupal_Commerce store to be notified for each payment.

To configure this rule, refer to chapter **Setting up the notification on batch authorization**.

PayPal payment

Search for **PayZen - PayPal payment** and select it.

For the merchant

The process of adding the PayPal payment option to your merchant website is simple. It consists in:

- Creating a **PayPal account** if you do not have one.
- Using a **PayPal account** if you have one.
- Enabling the **Payment via PayPal** option with the help of your payment gateway sales representative.

For the buyer

Signing up to PayPal is free and is done on the PayPal website. The buyer must:

- Create a PayPal account by entering an e-mail address and a password.
- Fill in all his or her personal details, address, etc.
- Fill in all the credit card details.

Access to the payment gateway	
Shop ID	Indicate the 8-digit shop ID provided in your Back Office (Menu: **Settings** > **Shop** > **Certificates**).
Test certificate	Indicate the test certificate provided in your Back Office (Menu: **Settings** > **Shop** > **Certificates**).
Production certificate	Indicate the production certificate provided in your Back Office (Menu: **Settings** > **Shop** > **Certificates**). Note that the production certificate will only become available after the test phase has been completed.
Mode	Allows to indicate the operating mode of the module (**TEST** or **PRODUCTION**) The PRODUCTION mode becomes available only after the test phase has been completed. The TEST mode is always available.
Signature algorithm	Algorithm used to compute the signature of the payment form. The algorithm must be the same as the selected algorithm in the PayZen Back Office (**Settings** > **Shop**). If they are different, you will have to change the configuration in the PayZen Back Office. **WARNING:** SHA256 algorithm must not be selected until it is not available in the PayZen Back Office.
Instant Payment Notification URL	Copy this URL into your Back Office (Menu **Settings** > **Notification rules** > **Instant payment Notification URL at the end of payment**): http://www.mysite.com/web/payment/notify/payzen
Payment page URL	This field is pre-populated by default: *https://secure.payzen.eu/vads-payment/*

Payment page	
Default languages	This option allows to choose the default language of the payment page in case the language of Drupal_Commerce is not supported by PayZen. If the language(s) used by the Drupal_Commerce is (are) implemented into PayZen, the payment page will be displayed in the language of Drupal_Commerce when the buyer clicks on "Pay".
Available languages	Allows to customize the language displayed on the payment page. Buyer will be able to select a language when he is redirected on the payment page. If you do not select any language, all the languages will be displayed on the payment page. To select a language, press and hold the " `Ctrl` " key and click on the desired languages. Available languages: German, English, Chinese, Spanish, French, Italian, Japanese, Dutch, Polish, Portuguese, Russian, Swedish, Turkish.
Capture delay	By default, this parameter is configured in your Back Office. (Menu: **Settings** > **Shop** > **Configuration** - section: Capture delay)

Payment page	
	It is recommended to not populate this parameter.
Validation mode	***Back Office Configuration:*** Recommended value. Allows to use the configuration defined in the Back Office. (Menu: Settings > Shop > Configuration – section: validation mode) ***Automatic:*** This value indicates that the payment will be captured in the bank automatically without any action on the merchant's part. ***Manual:*** This value indicates that transactions will have to be manually validated by the merchant in the Back Office. Warning: if the transaction has not been validated by the merchant before the expiration date, it will never be captured in the bank.
Card types	This option allows you to define the title of the payment method. The buyer will see this title when choosing a payment method. If your shop supports several languages, you can also define the title of the payment method for each language.

Selective 3DS	
Disable 3D Secure	Amount below 3DS will be disabled. Below this amount, 3DS rules from the risk assessment will not be applied. Leave empty to let the payment gateway decide if a 3DS authentication is required. **WARNING:** **The value of this field will be taken into account only if the option "Selective 3D-Secure" is enabled for your PayZen shop.** **This option can only be enabled upon agreement of your bank.** **Some card types, such as MAESTRO, require a mandatory 3DS authentication. In this case, your configuration will not be taken into account.**

Return to shop	
Automatic redirection	This option allows to automatically redirect the buyer to the merchant website. This option depends on the following settings. This option is disabled by default.
Time before redirection (success)	In case the **automatic redirection** option is enabled, you can define the delay in seconds before your buyer is redirected to your shop in case of a successful payment.
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Time before redirection (failure)	In case the **automatic redirection** option is enabled, you can define the delay in seconds before your buyer is redirected to your shop in case of a failed payment.
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Return mode	During the redirection to the shop, these parameters are returned to the shop in **GET** or **POST** modes. The GET mode is more convenient for the buyer as it allows to prevent the browser from displaying a pop-up window that indicates that the buyer is leaving an https environment for an http environment which obliges the buyer to click on "Accept" to return to the shop.

Conditions	
Customer	
Limit by billing address	Check the box to limit the payment module by the billing address of the customer.

Conditions	
	Add the countries or postal codes for which you want to enable the payment module.
Limit by role	Check the box to limit the payment module by role. Then, select roles (authenticated users, administrators...) for which the payment module is enabled.
Limit by email	Check the box to limit the payment module by customer's email. Add the email for which you want to enable the payment module.
Order	
Limit by currency	Check the box to limit the payment module by currency. Then, select the currencies for which you want to enable the payment module.
Limit by store	Check the box to limit the payment module by store. Then, select the stores for which you want to enable the payment module.
Limit by total price	Check the box to limit the payment module by total price. Then, select the operator and enter the amount. • ***Greater than***: The payment module will be available only if the total amount is greater than the filled amount. • ***Greater than or equal to***: The payment module will be available only if the total amount is greater than or equal to the filled amount. • ***Less than or equal to***: The payment module will be available only if the total amount is less than or equal to the filled amount. • ***Less than***: The payment module will be available only if the total amount is less than the filled amount. • ***Equal to***: The payment module will be available only if the total amount is equal to the filled amount.
Limit by type	Check the box to limit the payment module by type of order. Then, select the type of order for which you want to enable the payment module.
Conditions	You can apply several conditions at the same time. There are two choices: • All conditions must be filled in. • At least one condition must be filled in.
Status	Allows to enable or disable this payment method. This parameter is **enabled** by default.

Once you have completed the configuration, click **Save**.

7. SETTING UP THE INSTANT PAYMENT NOTIFICATION URL

Several notification types are provided in the Back Office. They allow to manage events (payment abandoned by the buyer, payment canceled by the merchant, payment validated by the merchant, etc.) that will trigger a call to the merchant website and to configure the URL of the contact page.

To access notification rule management:

1. Sign into: *https://secure.payzen.eu/vads-merchant/*.
2. Go to the following menu: **Settings** > **Notification rules**.

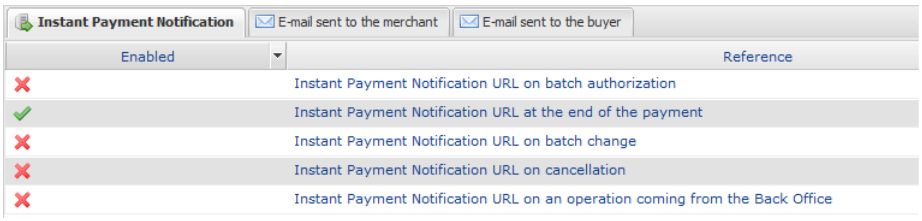

Figure 1: Notification rules

Right click > **Enable the rule** if a red cross appears in the **Enabled** column of the following rules:

- Instant Payment Notification URL at the end of payment
- Instant Payment Notification URL on batch authorization

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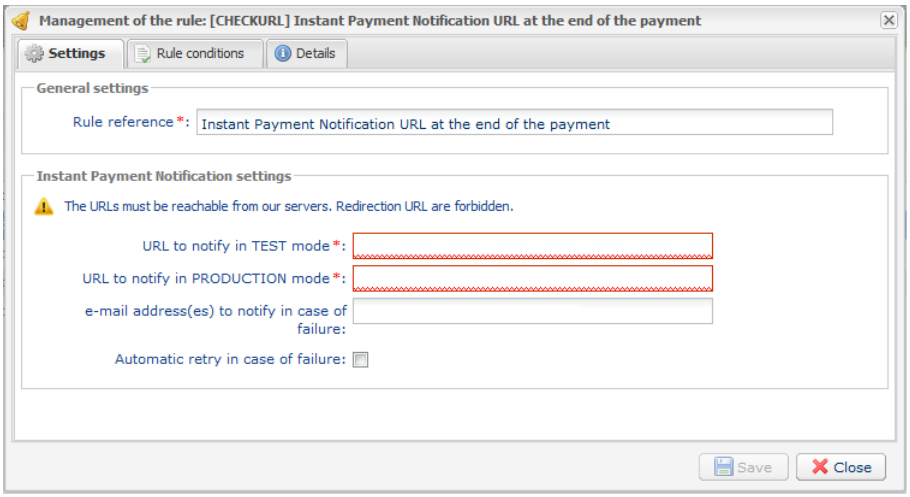
7.1. Setting up the Instant Payment Notification

In your PayZen Back Office, you must set up a URL that will be systematically called after a payment. It will inform the merchant website of the payment result even if your client has not clicked on return to the shop.

This parameter is called Instant Payment Notification at the end of payment.

To set up this notification:

1. Right-click **Instant Payment Notification URL at the end of payment**.
2. Select **Manage the rule**.
3. Enter the following URL in the fields **URL to call in TEST mode** and **URL to call in PRODUCTION mode.**: **http://www.mysite.com/web/payment/notify/payzen**



4. Enter the **E-mail address(es) to notify in case of failure**.
5. To specify several e-mail addresses, separate them with a semi-colon.
6. Configure the **Automatic retry in case of failure**.

   This option allows to automatically send notifications to the merchant website in case of failure, up to 4 times.

   For more information, see chapter **Activating the automatic retry** of the Payment Gateway Implementation Guide available in our documentation website.
7. Save the changes.

If the gateway is unable to access the URL of your page, an e-mail will be sent to the address specified in step 4.

It contains:

- the HTTP code of the encountered error
- parts of analysis depending on the error
- its consequences,
- instructions to resend the notification to the URL specified in step 6 from the PayZen Back Office .

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7.2. Setting up the notification on batch authorization

In case of an installments payment, the website is notified:

- thanks to the **instant payment notification at the end of the payment** for the first installment (generally when the order is completed),
- thanks to the **instant payment notification on batch authorization** for all other installments.

To set up this notification:

1. Right-click on **Instant Payment Notification URL on batch authorization**.
2. Select **Manage the rule**.
3. Fill the fields **URL to call in TEST mode** and **URL to call in PRODUCTION mode** with the following URL: **http://www.mysite.com/web/payment/notify/payzen**
4. Enter the **E-mail address(es) to notify in case of failure**.
5. To specify several e-mail addresses, separate them with a semi-colon.
6. Configure the **Automatic retry in case of failure**.

   This option allows to automatically send notifications to the merchant website in case of failure, up to 4 times.

   For more information, see chapter **Activating the automatic retry**
7. Save the changes.

If the gateway is unable to access the URL of your page, an e-mail will be sent to the address specified in step 4.

It contains:

- the HTTP code of the encountered error
- parts of analysis depending on the error
- its consequences,
- instructions to resend the notification to the URL specified in step 6 from the PayZen Back Office .

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7.3. Testing the Instant Payment Notification URL

In order to make sure that the Instant Payment Notification functions correctly, follow these steps:

1. Make sure that your URL is available online: your shop must neither be **in maintenance mode**.
2. Make sure that your notification URL is available without any redirection.
   a. To do this, paste your notification URL to the address bar of your browser and launch the search.
   b. Make sure your URL did not change.
      If your URL has changed, for example from "*http*" to "*https*" or "*http://abc.net*" to "*http://**www**.abc.net*", it means a redirection is active on your website. Then, copy the URL from the address bar and modify the URL filled in the configuration of all notification rules.
3. Make sure that the "Automatic redirection" option is disabled in the payment module settings.
4. Check that the **Instant Payment Notification URL at the end of payment** is populated in the PayZen Back Office (see above).
5. Make an order on your website and proceed to payment.
6. **Do not click on** "Return to shop" at the end of payment and close the current tab of your browser.
7. Make sure that the order has been created in the **Commerce** > **Orders** menu.

If the order has not been created in the Drupal Back Office, this means that the call has failed.

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8. SHIFTING THE SHOP TO PRODUCTION MODE

After you receive a confirmation e-mail informing you that a certificate has been generated, you can configure the payment method by following the steps below:

- Retrieve the production certificate provided in the Back Office (**Settings** > **Shop** > **Certificates**).
- In the module configuration parameters:
  - Populate the **Production certificate** field.
  - Switch from TEST to PRODUCTION mode.
  - Save the changes.
- Make sure that you have specified the Instant Payment Notification URL in production mode as described in the chapter **Setting up the Instant Payment Notification URL**.

Once the production settings have been configured, we recommend to make a first real payment.

You will be able to cancel this payment in the Back Office. This transaction will not be captured in the bank.

Note on the production certificate:

For security reasons, this certificate will no longer be visible after the first transaction in production mode has been made from your shop.

Note on the TEST mode:

When you shop is in production mode, the TEST mode remains available.

To work in test mode, follow the steps below:

- Switch from PRODUCTION to TEST mode.
- Make sure that the **Test certificate** is correctly specified.
- Save the changes.

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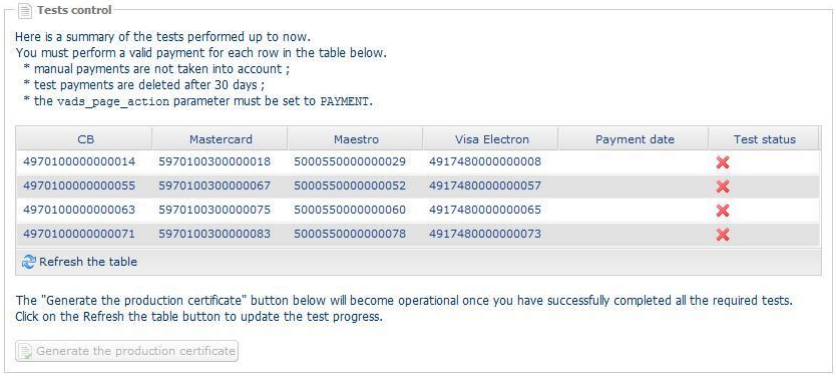
9. PROCEEDING TO TEST PHASE

Now that the payment module has been configured and you have specified the IPN URLs, you can move on to test phase in order to generate the production key.

The list of the tests to perform is provided in the PayZen Back Office, via the menu **Settings** > **Shop** > **Certificates**.

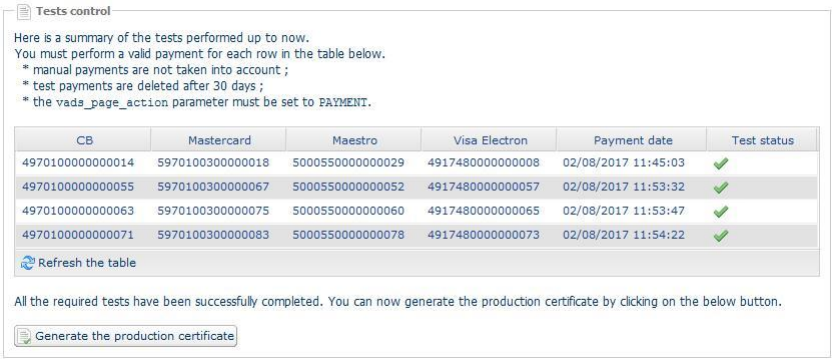


Each row of the list contains card numbers associated with the same scenario (i.e. 2 accepted payments and 2 refused payments).

Each column corresponds to a different card type: CB/VISA, MASTERCARD, MAESTRO, VISA ELECTRON.

To perform the test phase:

1. Make an order on your merchant website as if you were one of your buyers.
2. Select the payment method "**Payment by credit card**".
3. Once redirected to the payment page, select the card type of your choice.
4. Refer to the list of tests to identify the card number to use.
5. Once a test has been validated, its status is updated in the list. Click on **Refresh the table** button if the status has not been updated automatically.
6. Once the 4 tests have been validated, the **Generate the production certificate** button becomes available.



7. Click the **Generate the production certificate** button and accept the notification messages that will appear.

The production key is now available.

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10. DOCUMENTATION UPDATE

As we constantly strive to improve the understanding and proper use of this product documentation, we welcome constructive remarks from our users.

Please send us your comments and suggestions to the following address: *support@payzen.eu* Do not forget to specify the version of Drupal_Commerce and of the payment module you use.

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