# 2. Barclaycard ePDQ Payment Gateway User Guide

Thank you for purchasing our extension. If you have any questions that are beyond the scope of this document, do not hesitate to leave us an email via: support@magenest.com

By: Magenest | Support Portal: http://servicedesk.izysync.com/servicedesk/customer/portal/57

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## Introduction

Barclays is a British multinational banking and financial services company headquartered in London. It is a universal bank with operations in retail, wholesale and investment banking, as well as wealth management, mortgage lending and credit cards. It has operations in over 50 countries and territories and has around 48 million customers.

Therefore, Magenest has created Barclaycard ePDQ Payment Gateway to be able to interact between Barclay bank and customers in the most convenient way.



### **Features For Admins**

- A lot of features is included in the extension that you can tweak to make it best suit your business, including:
  - Choose between Authorize Only or Authorize and Capture.
  - View order status
  - · Check email customer
  - · Allowed credit card types
  - o Enable 3D Secure
  - Enable CVC verification
  - · Restrict unwanted countries from making payment
  - Order total threshold
  - o Submit invoice from backend

#### **Features For Customers**

- The primary aim of the extension is to deliver the most fluent and effortless payment experience to the customers:
  - Easily checkout using credit card.
  - Purchase through telephones or emails

### **System Requirements**

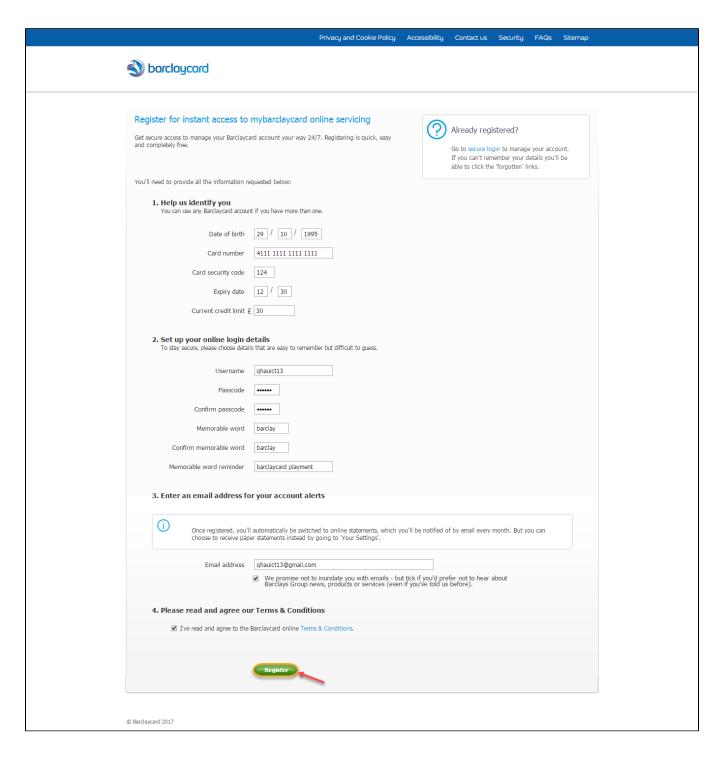
Your store should be running on Magento 2 Community Edition version 2.1.x., 2.2.x

## Configuration

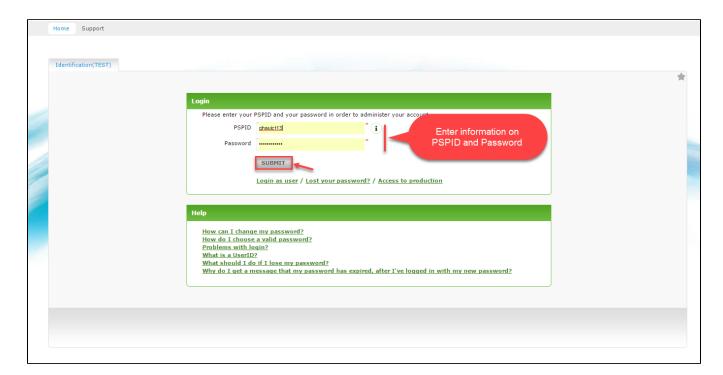
### **Set up Barclays Account**

You need to have a barclays account to use our extension. If you don't have any Barclays accounts, you can **Create a new account** by clicking on the following link: https://www.barclaycard.co.uk/ and choose **Register** 

In case you already have a Barclays account, skip this step and sign in.



If you have a Barclays account, **sign in** to your account.



## **Set Configuration**

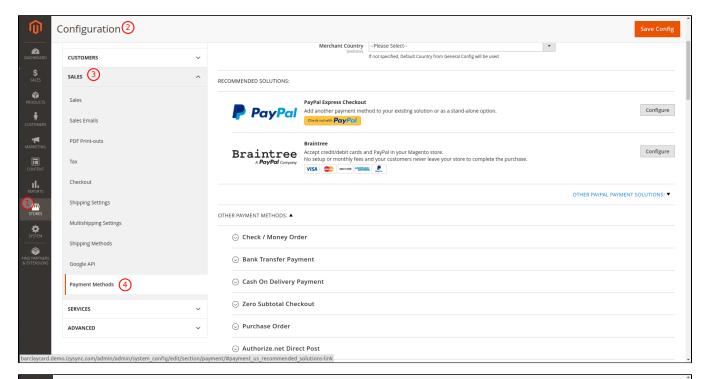
General Settings:

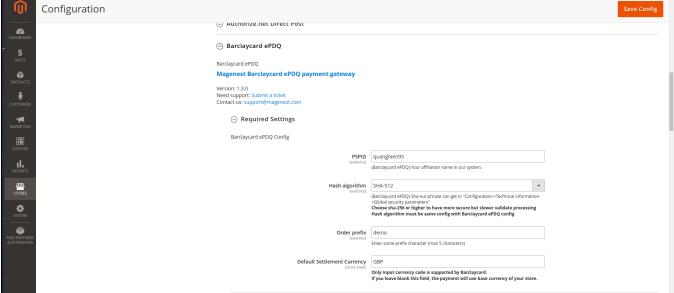
Go to Stores > Configuration > Sales > Payment Methods

**PSID:** the username you use to login to the ePDQ Merchant services pages

**Hash algorithm**: Magento Edition hashes all data that does not require decryption by using a strong SHA-256 hashing algorithm instead of the previously used MD5.

passwords will be hashed using the new algorithm whenever they are entered by customers, and all new passwords will be hashed using the SHA-256 or SHA-512 algorithm.

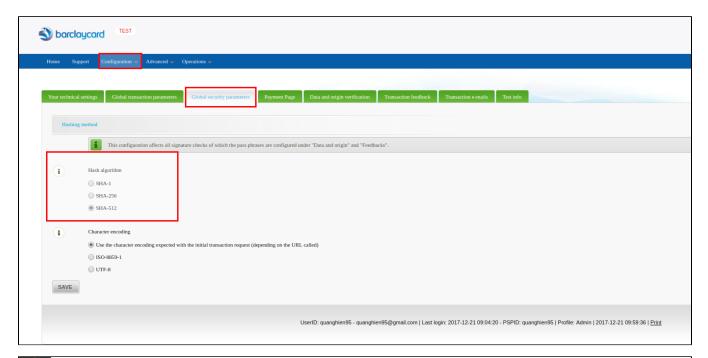


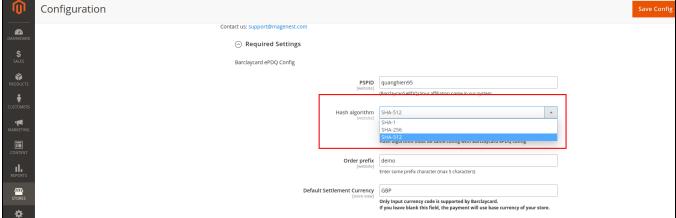


### Hash algorithm

Hash algorithm need to same with Hash algorithm in barclay

(Barclaycard ePDQ) Sha-out phrase can get in "Configuration->Technical information->Global security parameters"





• ePDQ Hosted Payment Page integration (Recommend Integration)

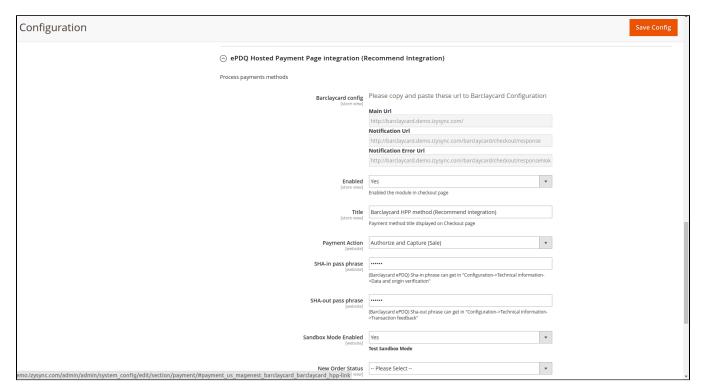
**Barclaycard configuration** 

Fill out these 3 URLs in Barclay

Main URL

Go to Configuration > Technical Information > Data and origin verification.

Fill main URL in "Checks for e-Commerce"



#### Notification URL and Notification error URL

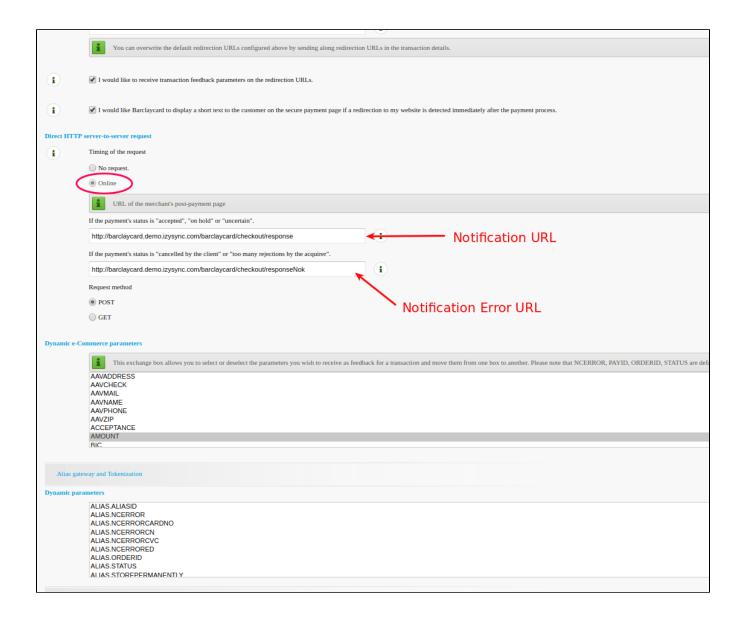
In Barclaycard, go to Configuration -> Technical Information -> Transaction feedback -> Go to "Direct HTTP server-to-server request" and fill the Notification and Notification Error URLs from Magento backend in.

And click in check box "Online"

Both Notification URL and Notification error URL are HTTPs protocol.

If using HTTP, you will not receive response from Barclay, then orders cannot handle the payment result.

You should choose some vaiables in "Dynamic e-Commerce parameters", but should not choose all of them.

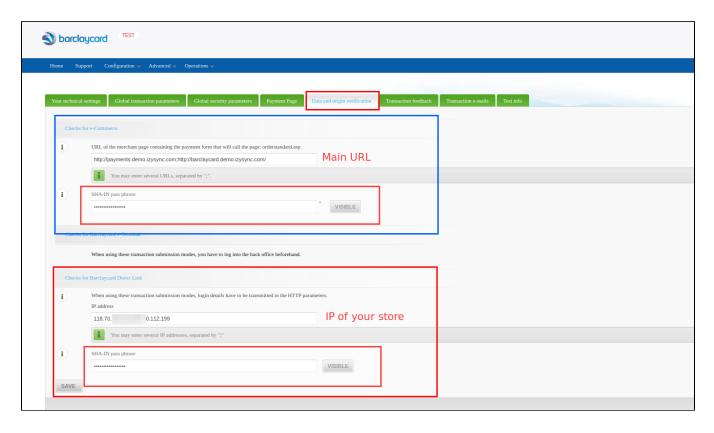


#### · SHA-in pass phrase

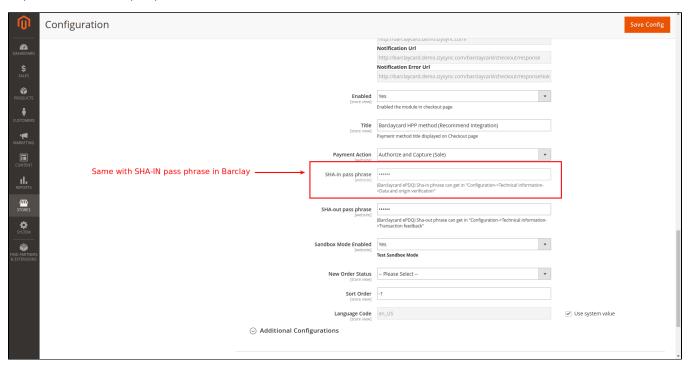
Go to Configuration -> Technical Information -> Data and origin verification. in Barclaycard website

Fill password in "SHA-in pass phrase"

And back to Magento backend configuration, fill that pass to "SHA-in pass phrase"

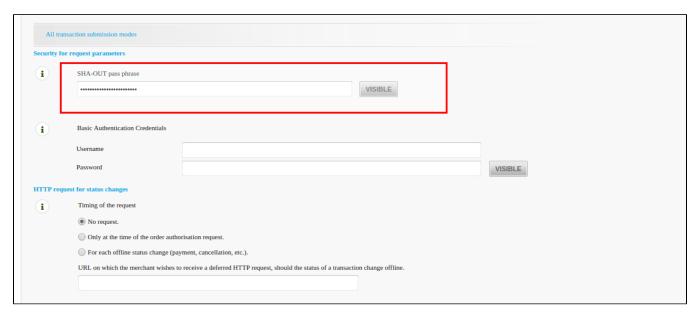


#### Fill password in the SHA-in pass phrase

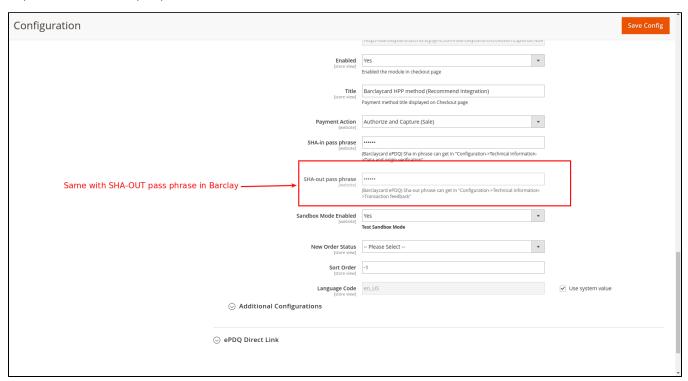


#### SHA-out pass phrase

Go to Configuration->Technical information->Transaction feedback -> Find "Security for request parameters" and fill password in the SHA-OUT pass pharse



Fill password in the SHA-out pass phrase

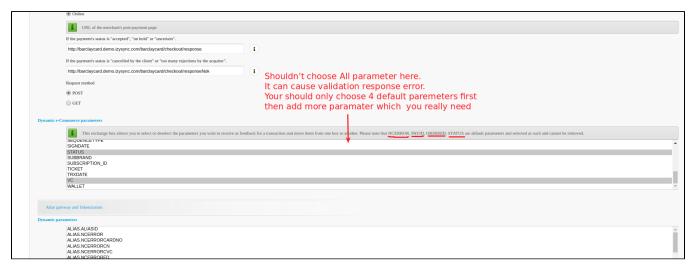


• Configure color of Static check out page

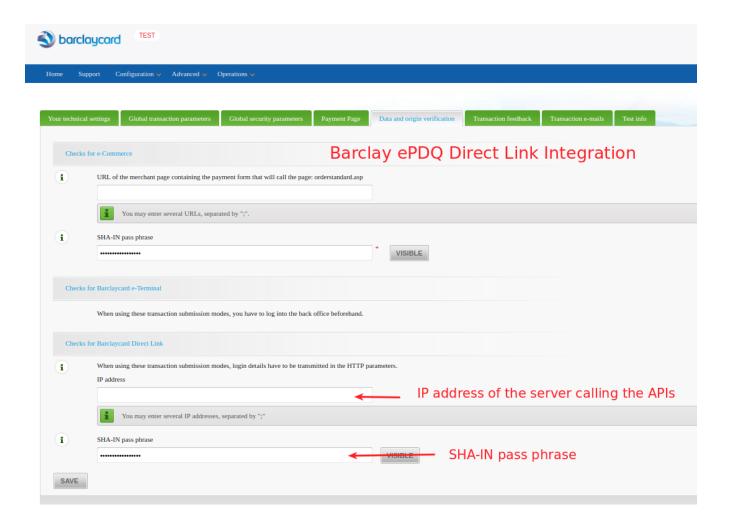
Additional Configurations		
<b>Title</b> [store view]	Magenest test payment Title and header of the page	
Background colour [store view]	FFFFFF	✓ Use system value
Text colour [store view]	000000	Use system value
Table background colour [store view]	FFFFFF	Use system value
Table text colour [store view]	000000	Use system value
Button background colour [store view]	FFFFFF	✓ Use system value
Button text colour [store view]	000000	✓ Use system value
Font family [store view]	Verdana	✓ Use system value
Payment Logo Url [store view]	URL/filename of the logo you want to display at the top of the payment page, next to the title. The URL must be absolute (i.e. contain the full path), it cannot be relative.  The logo needs to be stored on a secure server.	

#### • Configure Transaction feedback response

In Dynamic e-Commerce parameters, we recommend that you shouldn't choose all parameter from the box. First, you should choose 4 default parameters, then add other necessary ones in order to avoid validation response error.



Barclay ePDQ Direct Link Integration:



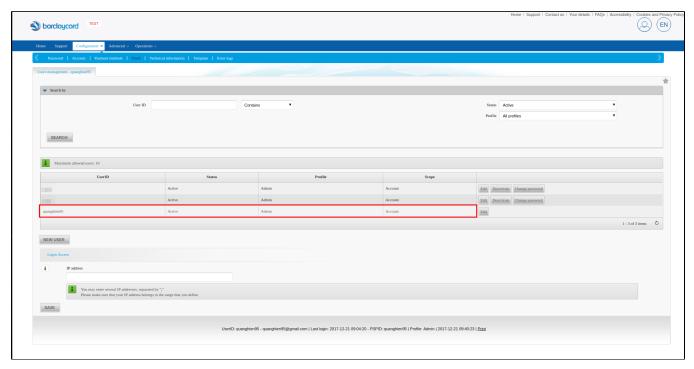
· SHA-IN pass phrase, make sure to have a strong value here. You will need to copy this value to Magento.

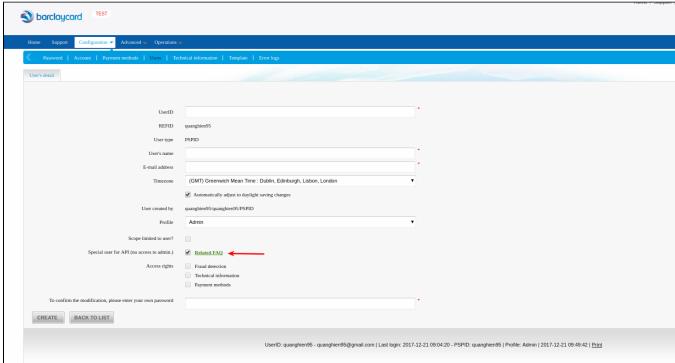
If your ePDQ one subscription supports DirectLink, then you will find these extra options:

- IP address of the server calling the APIs: in order to use DirectLink you must enter your IP address(es) here, separated with a; (semi-colon).
- SHA-IN pass phrase: this is another SHA field, but specifically for DirectLink payments. Make sure to enter a strong value here. You must later
  copy this value to Magento:
- Create User for direct link method

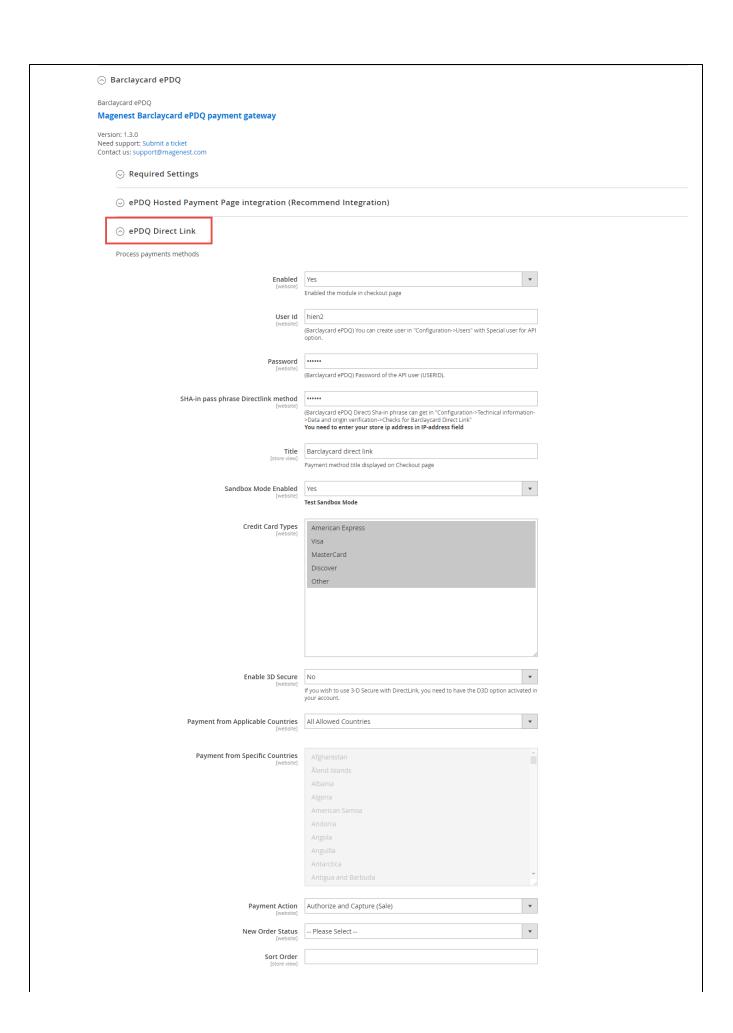
Login Barclay -> Configuration -> Users -> Click "New user"

In Create user form, after filling out your information, click "Related FQA" and click "Create" button.





You have to Click "Special for API"



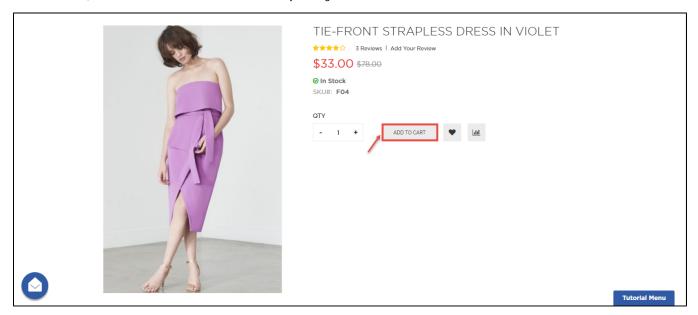
All of instructions of how to get the needed information are right under each field.

When done, please press Save Config

## **Main Functions**

Easily Checkout Using Credit Card

At frontend, customer can add their wanted item to cart by clicking on **Add to Cart** button.

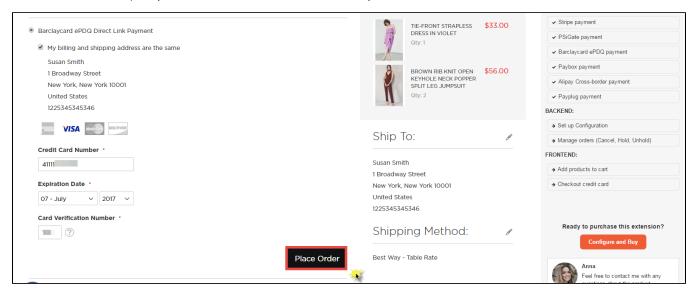


Then, go to checkout and select Barclays ePDQ Payment

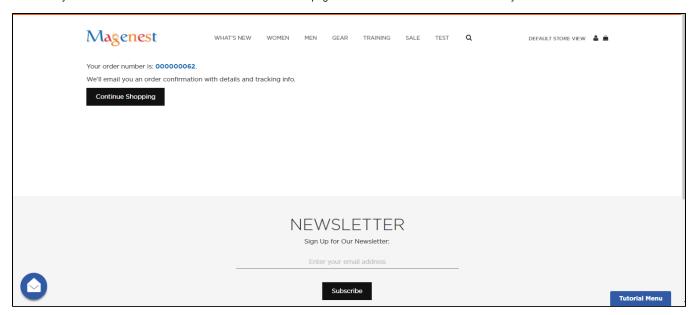
There are two methods for customer to pay: Barclaycard ePDQ Direct Link Payment and Barclaycard ePDQ Payment:

Barclaycard ePDQ Direct Link Payment:

Customer enter compulsory information such as: Credit card number, Expiration date, Card Verification Number and click Place Order button.



The system will inform order number of the customer in home page and send email to confirm via email. Payment is successful!

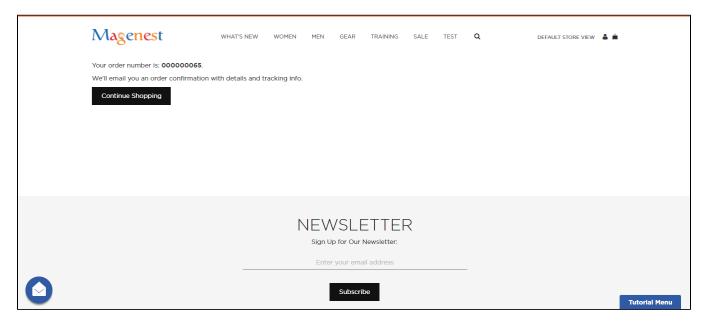


### ⊕ Barclaycard ePDQ Payment:

Customers follow the below picture. This method is similar to Barclaycard ePDQ Direct Link Payment:



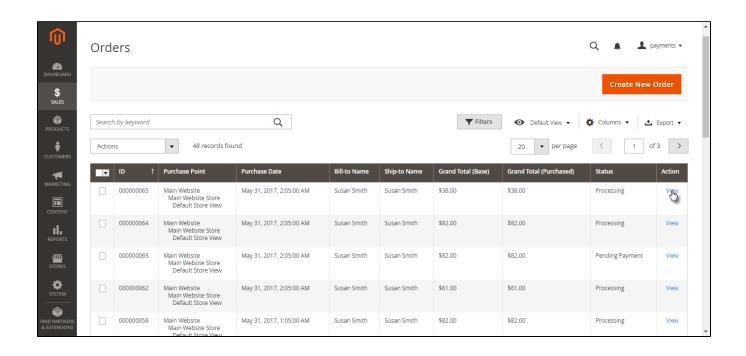


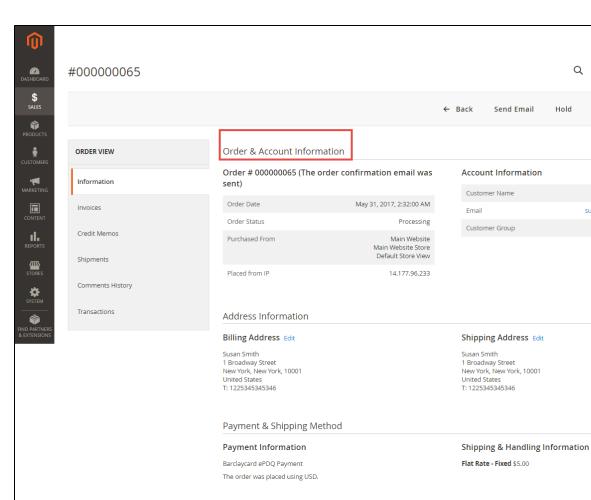


All of the payment's process operate in Barclaycard's payment site, not in Magento.

View Order:

When the transaction is completed, customers can review their orders by clicking Sales > Orders > View





## Items Ordered

Product	Item Status	Original Price	Price	Qty	Subtotal	Tax Amount	Tax Percent	Discount Amount	Row Total
Tie-Front Strapless Dress in Violet	Invoiced	\$78.00	\$33.00	Ordered 1 Invoiced 1	\$33.00	\$0.00	0%	\$0.00	\$33.00
SKU: F04									

Q

Ship

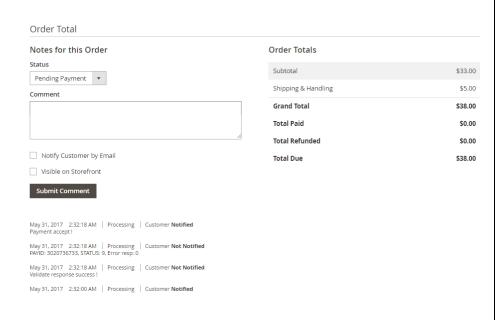
Hold

▲ payments ▼

Reorder

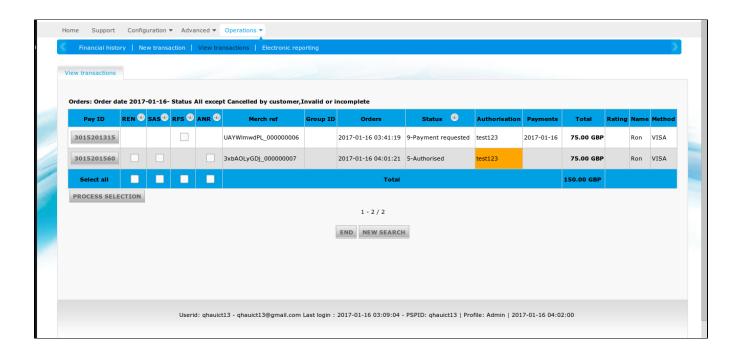
Susan Smith

susansmith2602@gmail.com

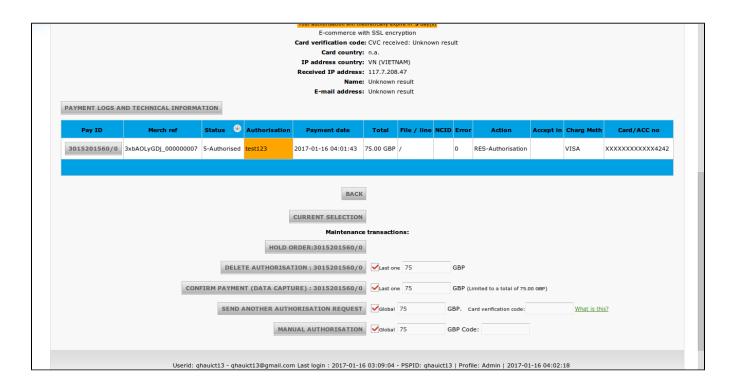


#### Set Payment Action:

After successful payment, at **Payments Action** tab of Barclays , the order will be updated corresponding with two options when admin set up **Configuration Authorize and Capture (Sale) and Authorize Only** 



If you choose Authorize Only in backend, click the Pay ID in the list above, and then choose the action you want to do:



## **Update**

- When a new update is available, we will provide you with a new package containing our updated extension.
  You will have to delete the module directory and repeat the installing steps above.
- Flush the config cache. Your store and newly installed module should be working as expected.

# **Support**

- We will reply to support requests within 2 business days.
- We will offer lifetime free update and 6 months free support for all of our paid products. Support includes answering questions related to our products, bug/error fixing to make sure our products fit well in your site exactly like our demo.
- Support DOES NOT include other series such as customizing our products, installation and uninstallation service.

Once again, thank you for purchasing our extension. If you have any questions relating to this extension, please do not hesitate to contact us for support.