

Barclaycard Hosted Payment for Magento 2

User Guide



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1. Extension Installation

- Create a folder structure in Magento root as app/code/Meetanshi/BarclaycardHosted
- Download and extract the zip folder and upload our extension files to the app/code/Meetanshi/BarclaycardHosted via FTP.
- Login to your SSH and run below commands step by step:
 - php bin/magento setup:upgrade
 - For Magento version 2.0.x to 2.1.x - php bin/magento setup:static-content:deploy
 - For Magento version 2.2.x & above - php bin/magento setup:static-content:deploy -f
 - php bin/magento cache:flush

2. Barclaycard Account Signup and Login

To integrate Barclaycard in Magento 2, you need to [signup](#) to create a merchant account. Simply fill the details and submit to successfully register with Barclaycard Payment Gateway.

Register for instant access to mybarclaycard online servicing

Get secure access to manage your Barclaycard account your way 24/7. Registering is quick, easy and completely free.

[? Already registered?](#)

Go to [secure login](#) to manage your account. If you can't remember your details you'll be able to click the 'forgotten' links.

Enter details to register with Barclaycard for payment gateway integration

You'll need to provide all the information requested below:

1. Help us identify you

You can use any Barclaycard account if you have more than one.

Date of birth dd / mm / yyyy

Card number

Card security code

Expiry date mm / yy

Current credit limit £

2. Set up your online login details

To stay secure, please choose details that are easy to remember but difficult to guess.

Username

Passcode

Confirm passcode

Memorable word

Confirm memorable word

Memorable word reminder

3. Enter an email address for your account alerts

[i](#) Once registered, you'll automatically be switched to online statements, which you'll be notified of by email every month. But you can choose to receive paper statements instead by going to 'Your Settings'.

Email address

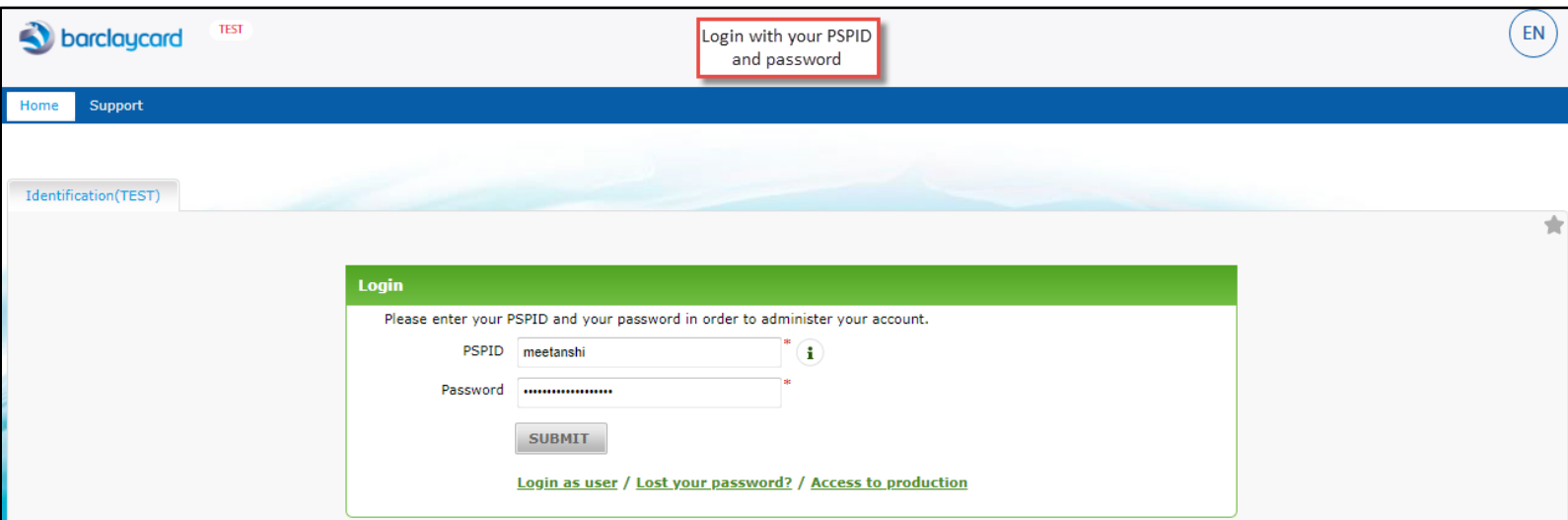
We promise not to inundate you with emails - but tick if you'd prefer not to hear about Barclays Group news, products or services (even if you've told us before).

4. Please read and agree our Terms & Conditions

I've read and agree to the Barclaycard online [Terms & Conditions](#).

[Register](#)

- Once you get registration details, [login](#) to either test or production account using your PSID and password.

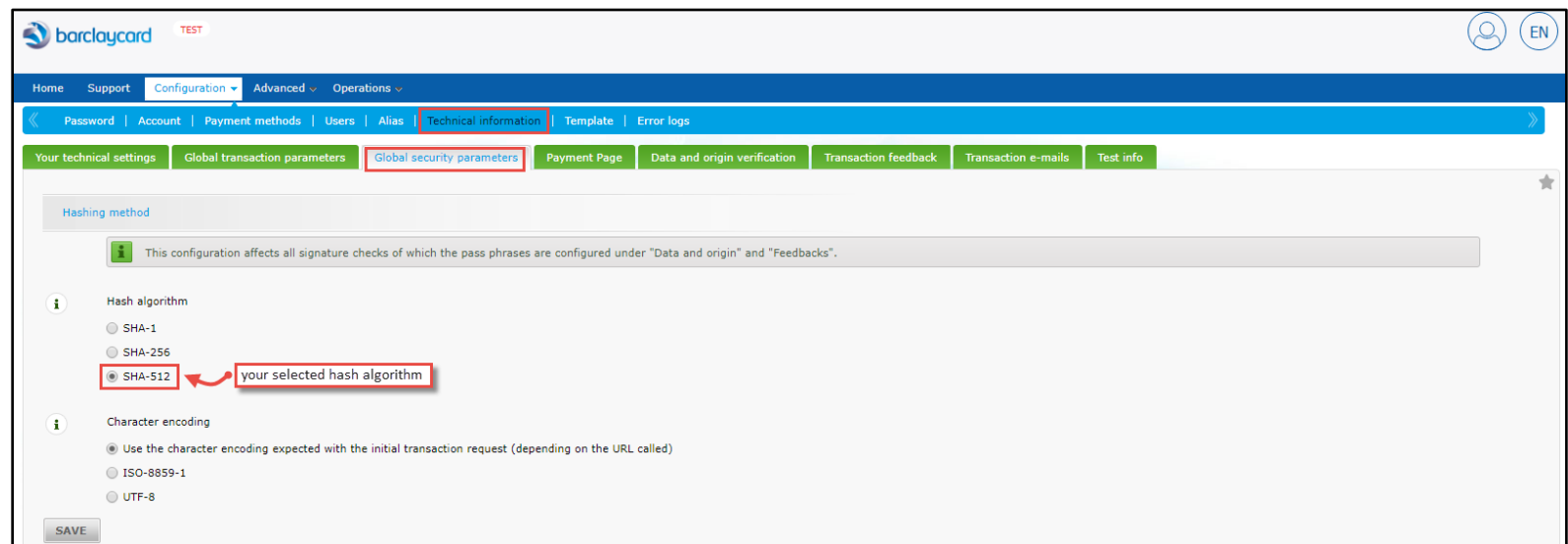


The screenshot shows the Meetanshi login interface. At the top, there is a "barclaycard TEST" logo and a button labeled "Login with your PSPID and password". Below the navigation bar, there is a "Home Support" menu. The main content area features a "Login" form with a green header. The form contains a message: "Please enter your PSPID and your password in order to administer your account." There are two input fields: "PSPID" with the value "meetanshi" and "Password" with masked characters. A "SUBMIT" button is located below the fields. At the bottom of the form, there are links for "Login as user", "Lost your password?", and "Access to production".

3. Configuration

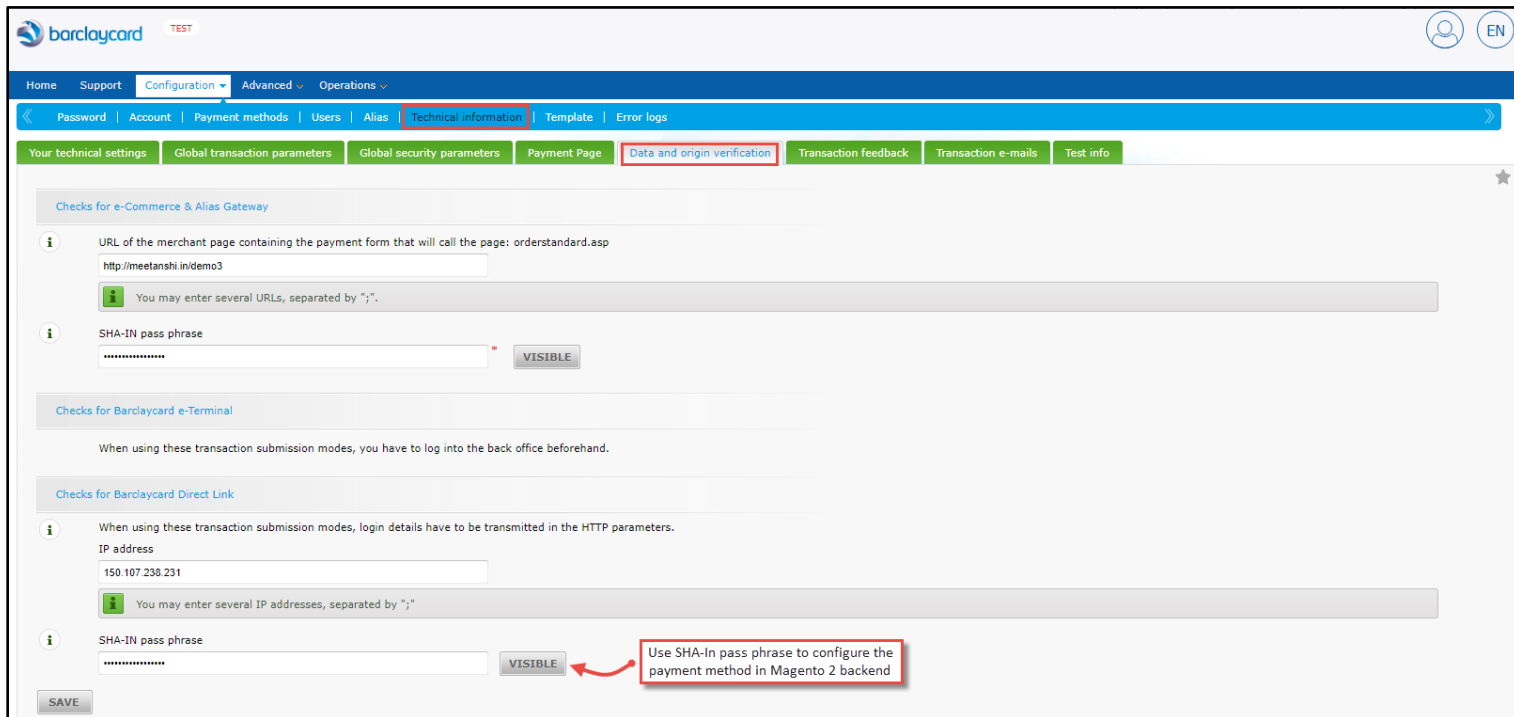
For configuring the extension, login to Magento 2, move to **Stores** → **Configuration** → **Sales** → **Payment Methods**, find the Barclaycard Hosted Payment to configure.

- **Enabled:** Enable or disable Barclaycard Hosted Payment extension from here.
- **Title:** Enter title for the Barclaycard Hosted Payment to show in frontend.
- **PSPID:** Enter your payment service provider ID (PSPID) you got while registration.
- **Hash Algorithm:** Here, you have to select the same hash algorithm you set while account creation. To find it, go to **Barclaycard Configuration** → **Technical Information** → **Global Security Parameters** → **Hash Algorithm**.



The screenshot shows the Magento 2 configuration page for the Hash Algorithm. The page is titled "Hashing method" and includes a message: "This configuration affects all signature checks of which the pass phrases are configured under 'Data and origin' and 'Feedbacks'." There are two sections: "Hash algorithm" and "Character encoding". In the "Hash algorithm" section, three radio buttons are visible: "SHA-1", "SHA-256", and "SHA-512". The "SHA-512" option is selected, and a red box highlights it with the text "your selected hash algorithm". In the "Character encoding" section, three radio buttons are visible: "Use the character encoding expected with the initial transaction request (depending on the URL called)", "ISO-8859-1", and "UTF-8". A "SAVE" button is located at the bottom left of the form.

- **SHA-in Pass Phrase:** Enter SHA-in pass phrase for direct link method. You can find it at **Barclaycard Configuration → Technical Information → Data & Origin Verification → Checks for Barclaycard Direct Link**



barclaycard TEST

Home | Support | Configuration | Advanced | Operations

Password | Account | Payment methods | Users | Alias | **Technical information** | Template | Error logs

Your technical settings | Global transaction parameters | Global security parameters | Payment Page | **Data and origin verification** | Transaction feedback | Transaction e-mails | Test info

Checks for e-Commerce & Alias Gateway

URL of the merchant page containing the payment form that will call the page: orderstandard.asp

You may enter several URLs, separated by ";".

SHA-IN pass phrase
 VISIBLE

Checks for Barclaycard e-Terminal

When using these transaction submission modes, you have to log into the back office beforehand.

Checks for Barclaycard Direct Link

When using these transaction submission modes, login details have to be transmitted in the HTTP parameters.

IP address

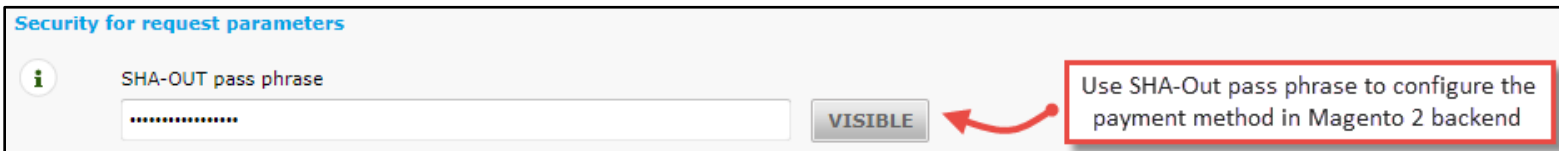
You may enter several IP addresses, separated by ";"

SHA-IN pass phrase
 VISIBLE

Use SHA-In pass phrase to configure the payment method in Magento 2 backend

SAVE

- **SHA-out Pass Phrase:** Enter SHA-in pass phrase for direct link method. You can find it at **Barclaycard Configuration → Technical Information → Data & Origin Verification → Checks for Barclaycard Direct Link**



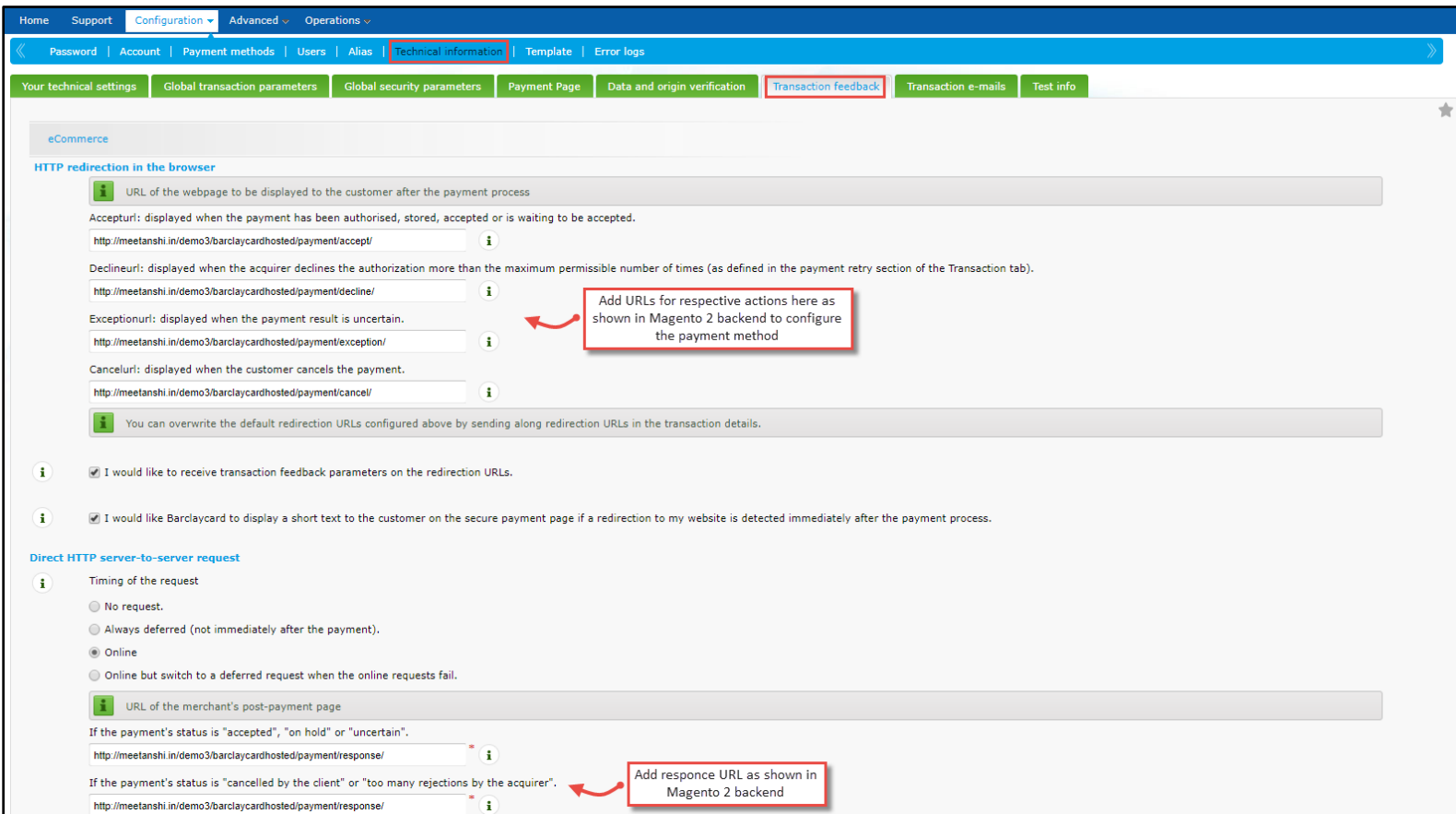
Security for request parameters

SHA-OUT pass phrase
 VISIBLE

Use SHA-Out pass phrase to configure the payment method in Magento 2 backend

- **Sandbox Mode:** Set YES to enable sandbox mode for the payment gateway.
- **Payment Description:** Enter payment description to show on payment gateway page.
- **Language Code:** Set language code.
- **Button BG Color:** Set button background color.
- **Button Text Color:** Set button text color.
- **Barclaycard Logo URL:** Enter Barclaycard logo URL.
- **Order Prefix:** Enter prefix for the orders.
- **Default Settlement Currency:** Set default settlement currency.
- **Enable Debug:** Set YES to enable debug mode.

- **Accept/Decline/Exception/Cancel/Direct HTTP Response URLs:** Copy URLs from here and paste them respectively on Barclaycard admin panel.



Home | Support | Configuration | Advanced | Operations

Technical information | Template | Error logs

Your technical settings | Global transaction parameters | Global security parameters | Payment Page | Data and origin verification | **Transaction feedback** | Transaction e-mails | Test info

eCommerce

HTTP redirection in the browser

URL of the webpage to be displayed to the customer after the payment process

Accepturl: displayed when the payment has been authorised, stored, accepted or is waiting to be accepted.

Declineurl: displayed when the acquirer declines the authorization more than the maximum permissible number of times (as defined in the payment retry section of the Transaction tab).

Exceptionurl: displayed when the payment result is uncertain.

Cancelurl: displayed when the customer cancels the payment.

You can overwrite the default redirection URLs configured above by sending along redirection URLs in the transaction details.

I would like to receive transaction feedback parameters on the redirection URLs.

I would like Barclaycard to display a short text to the customer on the secure payment page if a redirection to my website is detected immediately after the payment process.

Direct HTTP server-to-server request

Timing of the request

No request.

Always deferred (not immediately after the payment).

Online

Online but switch to a deferred request when the online requests fail.

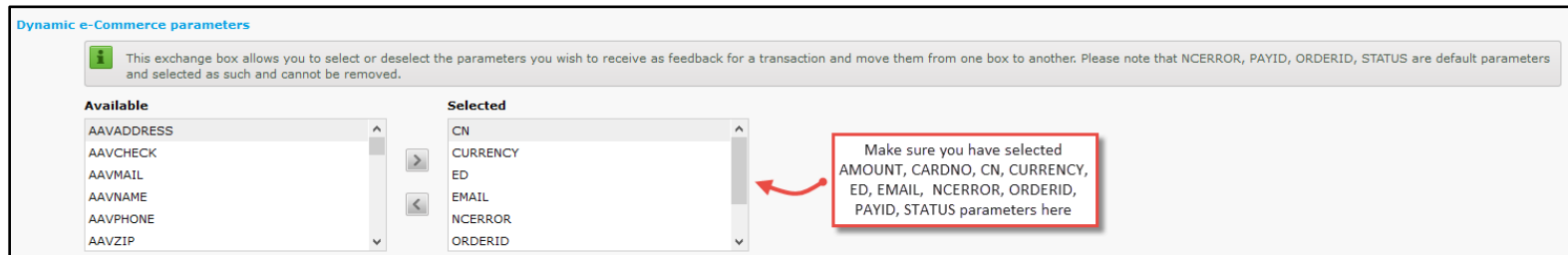
URL of the merchant's post-payment page

If the payment's status is "accepted", "on hold" or "uncertain".

If the payment's status is "cancelled by the client" or "too many rejections by the acquirer".

Note: Make sure you have selected the exact 10 parameters listed below under **Barclaycard Configuration → Technical Information → Transaction Feedback → Dynamic E-Commerce parameters**.

| | |
|----------|---------|
| AMOUNT | EMAIL |
| CARDNO | NCERROR |
| CN | ORDERID |
| CURRENCY | PAYID |
| ED | STATUS |



Dynamic e-Commerce parameters

This exchange box allows you to select or deselect the parameters you wish to receive as feedback for a transaction and move them from one box to another. Please note that NCERROR, PAYID, ORDERID, STATUS are default parameters and selected as such and cannot be removed.

Available

- AAVADDRESS
- AAVCHECK
- AAVMAIL
- AAVNAME
- AAVPHONE
- AAVZIP

Selected

- CN
- CURRENCY
- ED
- EMAIL
- NCERROR
- ORDERID

- **Instructions:** Add instructions to show on frontend.
- **Sort Order:** Enter sort order of the payment method.

Configuration

Store View: Default Config

Save Config

GENERAL

Meetanshi

CATALOG

CUSTOMERS

SALES

Payment Methods

Sales

Sales Emails

PDF Print-outs

Tax

Checkout

Shipping Settings

Multishipping Settings

Shipping Methods

Google API

Fraud Protection

DOTMAILER

SERVICES

ADVANCED

OTHER PAYPAL PAYMENT SOLUTIONS: ▾

OTHER PAYMENT METHODS: ▲

Barclaycard ePDQ Hosted Payment

Enabled Yes Enable Barclaycard hosted payment method from here
Enabled the module in checkout page

Title Barclaycard ePDQ Hosted Payment Enter title of the method to show in frontend
[store view]

PSPID meetanshi Use system value
[website]

Hash algorithm SHA-512 Enter your payment service provider ID, hash algorithm, SHA-in pass phrase & SHA-out pass phrase you got while registration
[website]
Go to "Configuration->Technical information->Global security parameters->Hash algorithm"

SHA-in pass phrase Use system value
[website]
Go to "Configuration->Technical information->Data and origin verification->SHA-IN pass phrase"

SHA-out pass phrase Use system value
[website]
Go to "Configuration->Technical information->Transaction feedback->SHA-OUT pass phrase"

Sandbox Mode Yes Enable sandbox mode from here
[website]

Payment Description Magento 2 Barclaycard Hosted Payment Enter payment description to show on payment page
[store view]
Payment description will displayed in barclaycard payment page

Language Code en_US Set language code
[store view]

Button BG Color #0000FF Set button background color and text color
[store view]

Button Text Color #FFFFFF Set button background color and text color
[store view]

Barclaycard Logo Url https://mdepayments.epdq.co.uk/images/EPDQ_BOLogoPowered.f Enter logo URL to show in frontend
[store view]
Eg. https://demo.com/logo.png

Order prefix Meetanshi Enter order prefix
[website]

Default Settlement Currency GBP Set default settlement currency
[store view]
Default Currency is GBP. If you leave blank than default currency will be used.

Enable debug Yes Set YES to enable debug
[website]

Accept Url https://meetanshi.in/demo3/barclaycardhosted/payment/accept/
[store view]

Decline Url https://meetanshi.in/demo3/barclaycardhosted/payment/decline/
[store view]

Exception Url https://meetanshi.in/demo3/barclaycardhosted/payment/exception/
[store view]

Cancel Url https://meetanshi.in/demo3/barclaycardhosted/payment/cancel/
[store view]

Use all these URLs to configure in Barclaycard admin panel

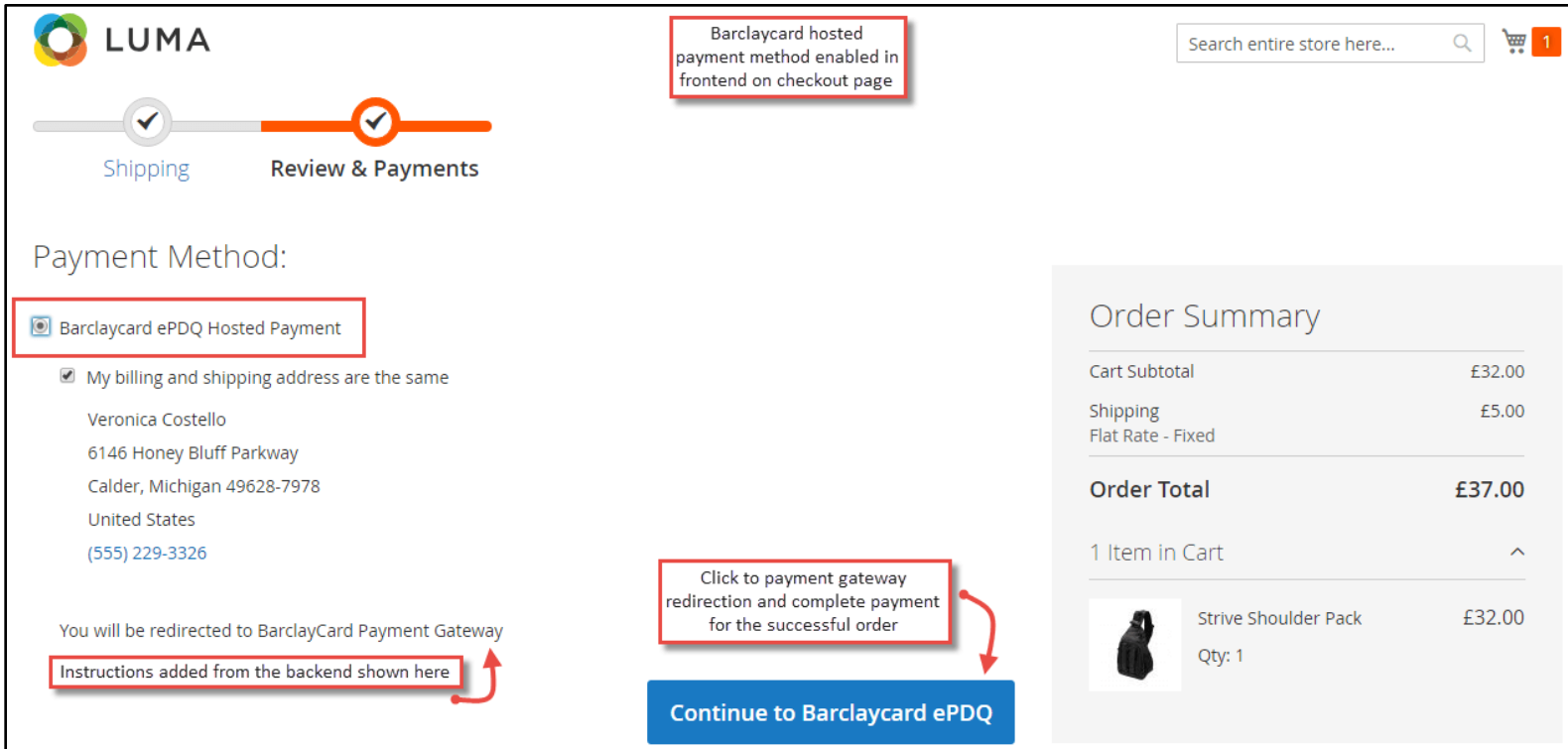
Direct HTTP Response Url https://meetanshi.in/demo3/barclaycardhosted/payment/response/
[store view]

Instructions You will be redirected to BarclayCard Payment Gateway Enter additional instructions to show on frontend
[store view]

Sort Order Enter sort order of the payment method
[store view]


4. Barclaycard Hosted Payment in Frontend

Once the extension is configured, it can be seen enabled on frontend. Simply add products to cart and at checkout, you can see payment method option on the checkout page. Select the payment method and click to get redirected to the payment page and finish the payment.



LUMA

Barclaycard hosted payment method enabled in frontend on checkout page

Search entire store here... 

Shipping Review & Payments

Payment Method:

Barclaycard ePDQ Hosted Payment

My billing and shipping address are the same

Veronica Costello
6146 Honey Bluff Parkway
Calder, Michigan 49628-7978
United States
(555) 229-3326

You will be redirected to BarclayCard Payment Gateway

Instructions added from the backend shown here


Click to payment gateway redirection and complete payment for the successful order

Continue to Barclaycard ePDQ

Order Summary

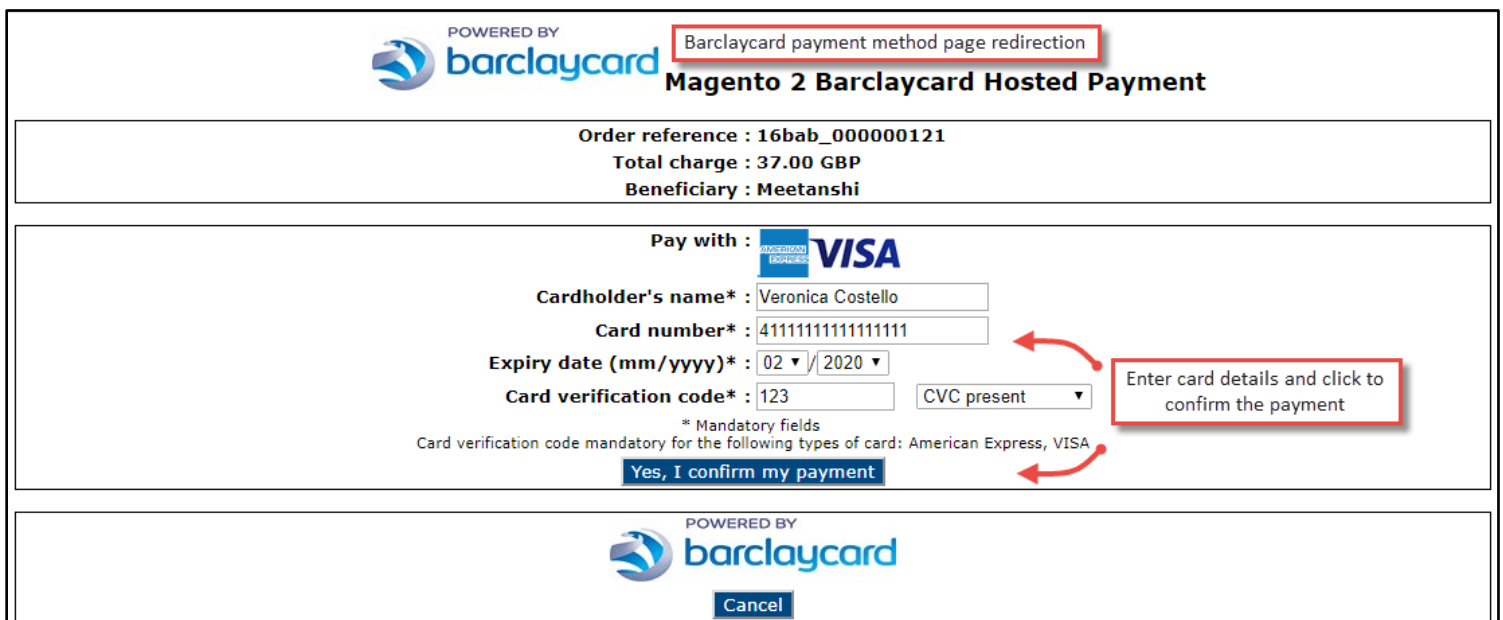
| | |
|----------------------------|---------------|
| Cart Subtotal | £32.00 |
| Shipping Flat Rate - Fixed | £5.00 |
| Order Total | £37.00 |

1 Item in Cart

| | | |
|---|----------------------|--------|
|  | Strive Shoulder Pack | £32.00 |
| | Qty: 1 | |

- **Barclaycard Payment Gateway Redirection**


Immediately after a customer clicks “Continue to Barclaycard ePDQ”, he gets redirected to the hosted payment page. Here, he has to enter the card details and confirm the payment.



POWERED BY **barclaycard** Barclaycard payment method page redirection

Magento 2 Barclaycard Hosted Payment

Order reference : 16bab_000000121
Total charge : 37.00 GBP
Beneficiary : Meetanshi

Pay with : 

Cardholder's name* : Veronica Costello

Card number* : 4111111111111111

Expiry date (mm/yyyy)* : 02 / 2020

Card verification code* : 123 CVC present

* Mandatory fields
Card verification code mandatory for the following types of card: American Express, VISA


Yes, I confirm my payment

Enter card details and click to confirm the payment

POWERED BY **barclaycard**

Cancel

- Barclaycard Payment Success Message**
 Once the card details are confirmed and payment is successful, customer can see payment success message on the hosted payment page.



Payment success message on Barclaycard payment page

Magento 2 Barclaycard Hosted Payment

Order reference : 16bab_000000121

Total charge : 37.00 GBP


Beneficiary : Meetanshi

Your payment is accepted

Payment reference : 3042544856 Payment reference number

You will now be redirected to the merchant's website. A warning message might be displayed, as you are about to leave the secure environment.

[OK](#)



[Back to merchant site](#)

- Barclaycard Payment Details in My Account Section**
 Immediately after the order is placed, the Barclaycard payment details can be seen in order view under My Account section.

Account Dashboard

My Orders

My Downloadable Products

My Wish List

Address Book

Account Information

Stored Payment Methods

Billing Agreements

My Product Reviews

Newsletter Subscriptions

My Saved Cards

Delete Account

Order # 000000121

November 16, 2018 PROCESSING

Reorder Barclaycard hosted payment details in My Account section Print Order

Items Ordered

| Product Name | SKU | Price | Qty | Subtotal |
|----------------------|---------|--------|------------|---------------|
| Strive Shoulder Pack | 24-MB04 | £32.00 | Ordered: 1 | £32.00 |
| Subtotal | | | | £32.00 |
| Shipping & Handling | | | | £5.00 |
| Grand Total | | | | £37.00 |

Compare Products

You have no items to compare.

Recently Ordered

Strive Shoulder Pack

[Add to Cart](#) [View All](#)

Order Information

| | | | |
|---|------------------------|---|---------------------------------|
| Shipping Address | Shipping Method | Billing Address | Payment Method |
| Veronica Costello 6146 Honey Bluff Parkway Calder, Michigan, 49628-7978 United States T: (555) 229-3326 | Flat Rate - Fixed | Veronica Costello 6146 Honey Bluff Parkway Calder, Michigan, 49628-7978 United States T: (555) 229-3326 | Barclaycard ePDQ Hosted Payment |

5. Barclaycard Payment Details in Order View Backend

Apart from My Account section, Barclaycard order details can be found in **Sales → Orders → Order View** section.

#000000121
[← Back to register or connect an account](#)
[Cancel](#)
[Send Email](#)
[Hold](#)
[Invoice](#)
[Ship](#)
[Reorder](#)
[Edit](#)

Order Total

Barclaycard payment details in sales order view backend

Notes for this Order

Status

Comment

Notify Customer by Email
 Visible on Storefront

Submit Comment

Order Totals

| | |
|-----------------------|---------------|
| Subtotal | £32.00 |
| Shipping & Handling | £5.00 |
| Grand Total | £37.00 |
| Total Paid | £0.00 |
| Total Refunded | £0.00 |
| Total Due | £37.00 |

| | | | | |
|--------------|-------------|------------|------------------------------|--------------------------------------|
| Nov 16, 2018 | 12:11:10 PM | Processing | Customer Notified | Transaction is approved by the bank. |
| Nov 16, 2018 | 12:11:10 PM | Processing | Customer Not Notified | PAYID: 3042544856, STATUS: 9 |
| Nov 16, 2018 | 12:09:37 PM | Processing | Customer Not Notified | Authorized amount of £37.00. |