

PGPayTech Hosted

API Documentation

Requirement

The merchant need to create and approve account at PGPayTech website.

Merchant get the **Merchant ID** from **Settings > Your Merchant ID**



All the server requests are protected using Authorization. Merchant should pass Merchant ID as Bearer token.

Checkout Page

Hosted API is for merchant who doesn't want to collect card details. Rather they only collect client details only. Rest of things are handled by PGPayTech.

Merchant collects client details like name, email, phone number etc. on their checkout page. It exludes card details.

Parameters

The payload should be Json format.

The below table describes the request parameters.

Parameter	Type	Required	Description
firstName	string	Yes	First name
lastName	string	Yes	Last name
address	string	Yes	Address
country	string	Yes	Country
state	string	Yes	State or Province
city	string	Yes	City
zip	string	Yes	Zip
ipAddress	string	Yes	IPV4 address of client device
email	string	Yes	Email
phoneNumber	string	Yes	Phone number
amount	string	Yes	Transaction amount
currency	string	Yes	Transaction currency
redirectUrl	string	Yes	Return url after transaction complete
notifyUrl	string	Yes	Server notification(Post method)
merchantRef	string	No	Unique merchant transaction number

Request URL

Send the parameters to PGPayTech server.

The request should be sent to below URL:

<https://payment.pgpaytech.com/api/v1/create/hosted/transaction>

Response

The response is sent to json format. The response contains below parameters:

Parameter	Type	Required	Description
status	string	Yes	checkout
message	string	Yes	checkoutUrl redirect
checkoutUrl	string	No	Redirect url(Need to redirect this url)

Card details Page

When the client is redirected to **3dsUrl**, the following page will open. The client need to input card details and submit.

USD 5

CARD NUMBER
0000 0000 0000 0000

EXPIRATION CVC
00 / 00 000

1234 5678 9123 4567

MM YY 123

Pay Now

Redirect to Merchant website

After the transaction complete, it redirect to **redirectUrl** page, The **redirectUrl** also contains **status** and **message** parameter in query string. For example,

`https://yourwebsite.com/redirect?status=success&message=Transaction%20completed&merchantRef=M00001&transactionRef=C3rZjIX`

Merchant should confirm transaction status using Fetch API.

Testing

Before doing live transaction, it is advised that merchant do testing to complete the integration.

The test URL for request is:

<https://payment.pgpaytech.com/api/v1/test/create/hosted/transaction>

Use different amount, currency details to get different transaction response.

Parameter	Value	Response
amount	< 10 USD	Decline with minimum amount limit
amount	> 100 USD	Decline with maximum amount limit
currency	Other than USD	Decline with Invalid currency
cardNumber	5555555555554444	3DS required
cardNumber	4242424242424242	Transaction Success

Server Notification

If **notifyUrl** is provided with request, PGPayTech server sends server notification to this url. The notification send in **post** method.

Make sure the url is public and not protected with captcha or any security token.

Notification Example:

```
{
  "status": "notify",
  "message": "Transaction notified.",
  "testMode": true,
  "data": {
    "payment": {
      "transactionRef": "W1vHjJ2D-eWqk-ttAE-A6KUUvwa",
      "merchantRef": null,
      "status": "success",
      "message": "Transaction completed.",
      "amount": "5.00",
      "currency": "USD",
      "transactionDate": "2022-07-24 06:23:24"
    },
    "client": {
      "firstName": "Test",
      "lastName": "Name",
      "email": "tech@paysolution.com",
      "phoneNumber": "+17628361937",
      "address": "Test",
      "zip": "10011",
      "country": "US",
      "state": "NY",
      "city": "NY"
    },
    "card": {
      "cardNumber": "XXXXXXXXXXXX4242",
      "cardExpiryMonth": "02",
      "cardExpiryYear": "2024"
    }
  }
}
```

Fetch Transaction

You can always fetch transaction from PGPayTech server using API request.

This will helps merchant to fetch status of pending transaction without setting server notification.

Parameters:

Parameter	Type	Required	Description
transactionRef	string	Yes if merchantRef not provided	Unique PGPayTech transaction number
merchantRef	string	Yes if transactionRef not provided	Unique merchant transaction number

URL:

<https://payment.pgpaytech.com/api/v1/fetch/create/transaction>

Response:

The response sent in json format. Below example shows response:

```
{
  "status": "success",
  "message": "Transaction fetched successfully",
  "testMode": true,
  "data": {
    "payment": {
      "transactionRef": "W1vHjJ2D-eWqk-ttAE-A6KUUvwa",
      "merchantRef": null,
      "status": "success",
      "message": "Transaction completed.",
      "amount": "5.00",
      "currency": "USD",
      "transactionDate": "2022-07-24 06:23:24"
    },
    "client": {
      "firstName": "Test",
      "lastName": "Name",
      "email": "tech@paysolution.com",
      "phoneNumber": "+17628361937",
      "address": "Test",
      "zip": "10011",
      "country": "US",
      "state": "NY",
      "city": "NY"
    },
    "card": {
      "cardNumber": "XXXXXXXXXXXX4242",
      "cardExpiryMonth": "02",
      "cardExpiryYear": "2024"
    }
  }
}
```