



PhaPay

PhaPay Payment QR Sanbox

Software Development Kit (SDK)

Web API v1.0.0

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1.Introduction

The Payment QR Sandbox is a testing environment that allows developers to simulate QR code-based payment transactions without processing real money. This sandbox provides a complete payment flow simulation including QR code generation, payment processing, and real-time status updates

1.1 What is the Payment QR Sandbox?

The Payment QR Sandbox is Phapay's service that provides for developers connect for testing environment that without processing real money and allowing platform to

- **Generate QR Codes:** create payment QR codes for different banking providers (BCEL,JDB,LDB and IB)
- **Test Payment Flow:** Simulate the complete payment process from QR generation to payment completion
- Receive instant notifications when payments are processed
- **Real-time Updates:** Receive instant notifications when payments are processed as the same with using real money and bank app
- **Safe Testing Environment:** Test your integration without real financial transactions

This makes the sandbox ideal for building and testing payment solutions with confidence before going live

1.2 Registration

To begin using the Payment QR Sandbox, follow these steps

1. Register an account:

Visit: <https://portal.phapay.com/>

2. Follow registration documentation

Detailed steps are available at: <https://payment-doc.lailaolab.com/v1/registration>
Upon successful registration, you will receive a **public key** that enables secure access to the Payment QR Sandbox AP

2. Connect Phapay Payment QR Sandbox

To begin using the **Payment QR Sandbox**, follow the steps below to generate test QR codes for various banking providers. This process simulates real QR payment flows without processing actual transactions

2.1 Generate QR Code

You can generate test QR codes for the following supported banks via their respective sandbox endpoints:

- BANQUE POUR LE COMMERCE EXTÉRIEUR LAO PUBLIC (BCEL)

```
https://payment-gateway.lailaolab.com/v1/api/test/payment/generate-bcel-qr
```

- Joint Development Bank (JDB)

```
https://payment-gateway.lailaolab.com/v1/api/test/payment/generate-jdb-qr
```

- Lao Development Bank (LDB)

```
https://payment-gateway.lailaolab.com/v1/api/test/payment/generate-jdb-qr
```

- Indochina Bank (IB)

```
https://payment-gateway.lailaolab.com/v1/api/test/payment/generate-ib-qr
```

- **How to Generate a QR Code**

URL : <https://payment-gateway.lailaolab.com/v1/api/test/payment/generate-bcel-qr>

Method: POST

HEADER: secretKey: <PLATFORM_PUBLIC_KEY>

2.1.1 Request body

Table 01:request body

Field	Type	Description
amount	Number	The amount of transaction
description	String	A description of the transaction or purpose
tag1	string	The first custom field of platform (optional)
tag2	string	The second custom field of platform (optional)
tag3	string	The third custom field of platform (optional)

Example:

```
{ "amount":1000,
```

```

"description": "ORDER-CHECKOUT",
"tag1": "AppZap Shop", // shop name
"tag2": "666bbb461732a2e46233fdf9", // shopId
"tag3": "ORDER-0001" // oderNo
}

```

2.1.2 Response Data

Table 02: Response Data From Phaypay

Field	Type	Description
message	String	A string indicating the outcome of the API call
transactionId	String	Unique ID for the transaction.
qrCode	String	A string containing the QR code data
link	String	A deep link that can be used to initiate the payment process in a mobile application

Example :

```

{
  "message": "SUCCESS",
  "qrCode":
  "00020101021233500002040104BCEL0216mch6542c0373ede303126XKJCTS4AYPQ53

```

```
03418540115802LA6003VTE624005126XKJCTS4AYPQ0820paymentfordevversion63
04BEEC",
  "transactionId": "6XKJCTS4AYPQ",
  "link":
    "phapay://qr/ib/00020101021233500002040104BCEL0216mch6542c0373ede3031
    26XKJCTS4AYPQ5303418540115802LA6003VTE624005126XKJCTS4AYPQ0820payment
    fordevversion6304BEEC"
}
```