PayPap API Documentation

Complete reference for integrating bank deposits, withdrawals, and card payments.

PRODUCTION	`https://api.paypap.org/v1`
TEST	`https://test-api.paypap.org/v1`

Introduction

Overview of the PayPap Payment API

The PayPap API enables you to integrate multiple payment methods into your application, including bank transfers (deposits & withdrawals) and credit card payments. All endpoints use JSON for request and response bodies.

> **Important**
>
> All monetary amounts are in major currency units (e.g., `5000` = 5000 TRY). Bank deposits must be positive integers, while card deposits accept decimals.

Authentication

How to authenticate your API requests

Bearer Token Authentication

All API requests require a Bearer token in the Authorization header.

```
HEADER

  Authorization: Bearer <your_api_token>
```

Error Responses

Common error responses across all endpoints

400 Bad Request

Validation Error

```
{ "code": 400, "message": "\"amount\" must be an integer" }
```

Amount Out of Range (1002)

```
{ "code": 400, "message": { "code": 1002, "desc": "Allowed amount range is 500 to 100000" } }
```

401 Unauthorized

```
{ "code": 401, "message": "Bearer token is invalid or missing" }
```

404 Not Found

```
{ "code": 404, "message": "Not found" }
```

409 Conflict

Transaction ID Conflict (1003)

```
{ "code": 409, "message": { "code": 1003, "desc": "Already exists with same transaction ID" } }
```

User Has Pending Transaction (1004)

```json
{ "code": 409, "message": { "code": 1004, "desc": "User already has an uncompleted transaction" } }
```

503 Service Unavailable

```json
{ "code": 503, "message": "Service is unavailable (maintenance or disabled temporarily)" }
```

Status Codes

Payment status codes returned in responses and callbacks

Bank Deposit Status Codes

Code	Description
4000	Pending
4001	Completed
4002	Payments cannot be accepted
4003	Name does not match
4004	User cancelled
4005	Not paid
4006	Timeout
4007	Unexpected error

Bank Withdrawal Status Codes

Code	Description
5000	Pending

Code	Description
5001	Completed
5002	Invalid IBAN
5003	Name does not match
5004	Supplier cancelled
5005	Timeout
5006	Unexpected error

Card Deposit Status Codes

Code	Description
6000	Pending
6001	Completed
6002	Name does not match
6003	User cancelled
6004	Timeout
6005	Internal error
6006	Payment declined
6007	Payment error
6008	Payment failed
6009	Payment cancelled
6010	Not paid

Code	Description
6011	3DS failed
6012	Insufficient funds

Bank Deposits

Create and retrieve bank transfer deposits

POST /bankDeposits   Create a bank deposit

Creates a new bank deposit request. Choose between **direct** (returns IBAN details) or **redirect** (returns hosted payment page URL).

Request Body

PARAMETER	TYPE	DESCRIPTION
type `required`	string	`direct` or `redirect`
transactionId `required`	string	Unique transaction ID (UUID recommended)
fullName `required`	string	Sender's full name
currency `required`	string	TRY
amount `required`	integer	Amount (positive integer)
user `required`	object	Customer info: userId, username, fullName
redirectUrls `redirect only`	object	success and fail URLs

Request Example (Direct)

REQUEST BODY

```
{
  "type": "direct",
  "transactionId": "7a0bd718-111c-4a02-af36-0be7b8fd387b",
  "fullName": "John Doe",
  "currency": "TRY",
  "amount": 5000,
  "user": { "userId": "1234567890", "username": "johndoe", "fullName": "John Doe" }
}
```

Request Example (Redirect)

REQUEST BODY

```
{
  "type": "redirect",
  "transactionId": "7a0bd718-111c-4a02-af36-0be7b8fd387b",
  "fullName": "John Doe",
  "currency": "TRY",
  "amount": 5000,
  "user": { "userId": "1234567890", "username": "johndoe", "fullName": "John Doe" },
  "redirectUrls": { "success": "https://example.com/success", "fail": "https://example.com/fail" }
}
```

Response (Direct) - 201 Created

```
{
  "depositId": "bbeebd49-bd79-41a5-8f6b-0ad92c88d673",
  "recipient": { "bankName": "Example Bank", "fullName": "John Smith", "iban": "TR000000000000000000000000" },
  "expiresAt": "2020-01-01T00:00:10.000Z"
}
```

Response (Redirect) - 201 Created

```
{
  "depositId": "bbeebd49-bd79-41a5-8f6b-0ad92c88d673",
  "url": "https://pay.paypap.org/bankDeposit/bbeebd49-bd79-41a5-8f6b-0ad92c88d673"
}
```

Error Responses: 400 Bad Request, 401 Unauthorized, 409 Conflict, 502 Bad Gateway, 503 Service Unavailable

GET `/bankDeposits/{depositId}`   Get a bank deposit

Retrieves details of a specific bank deposit by its ID.

▎ Response - 200 OK

```json
{
  "transactionId": "7a0bd718-111c-4a02-af36-0be7b8fd387b",
  "fullName": "John Doe",
  "currency": "TRY",
  "requestedAmount": 5000,
  "amount": 5000,
  "user": { "userId": "1234567890", "username": "johndoe", "fullName": "John Doe" },
  "status": { "code": 4001, "desc": "Completed" },
  "createdAt": "2020-01-01T00:00:00.000Z",
  "updatedAt": "2020-01-01T00:00:10.000Z"
}
```

Other Responses: 202 Accepted (pending), 400 Bad Request, 401 Unauthorized, 404 Not Found

Bank Withdrawals

Create and retrieve bank transfer withdrawals

POST `/bankWithdrawals`   Create a bank withdrawal

Creates a new bank withdrawal request to send funds to a customer's IBAN.

Request Example

REQUEST BODY

```json
{
  "transactionId": "5d94f369-34eb-4f8c-882c-3a951e0f075d",
  "fullName": "John Doe",
  "iban": "TR000000000000000000000000",
  "currency": "TRY",
  "amount": 5000,
  "user": { "userId": "1234567890", "username": "johndoe", "fullName": "John Doe" }
}
```

Response - 201 Created

```json
{ "withdrawalId": "1b66d504-6486-4131-9b77-11a92f3559bf" }
```

| GET | /bankWithdrawals/{withdrawalId} | Get a bank withdrawal |

Retrieves details of a specific bank withdrawal by its ID.

Response - 200 OK

```
{
  "transactionId": "5d94f369-34eb-4f8c-882c-3a951e0f075d",
  "fullName": "John Doe",
  "iban": "TR000000000000000000000000",
  "currency": "TRY",
  "requestedAmount": 5000,
  "amount": 5000,
  "status": { "code": 5001, "desc": "Completed" },
  "createdAt": "2020-01-01T00:00:00.000Z",
  "updatedAt": "2020-01-01T00:00:10.000Z"
}
```

Card Deposits

Create and retrieve credit/debit card deposits

POST	/cardDeposits	Create a card deposit

Creates a new card deposit. Use **direct** to send card data via API, or **redirect** for a hosted payment page.

Request Example (Direct)

REQUEST BODY

```
{
  "type": "direct",
  "transactionId": "7a0bd718-111c-4a02-af36-0be7b8fd387b",
  "currency": "TRY",
  "amount": 5000,
  "card": { "holderName": "John Doe", "cardNumber": "4111111111111111", "expMonth": "01",
"expYear": "2030", "cvv2": "123" },
  "billing": { "email": "user@example.com", "city": "Istanbul", "country": "TR" },
  "user": { "userId": "1234567890", "username": "johndoe", "fullName": "John Doe" },
  "redirectUrls": { "success": "https://example.com/success", "fail": "https://example.com/
fail" }
}
```

Request Example (Redirect)

REQUEST BODY

```
{
  "type": "redirect",
  "transactionId": "7a0bd718-111c-4a02-af36-0be7b8fd387b",
  "currency": "TRY",
  "amount": 5000,
  "billing": { "email": "user@example.com" },
  "user": { "userId": "1234567890", "username": "johndoe", "fullName": "John Doe" },
  "redirectUrls": { "success": "https://example.com/success", "fail": "https://example.com/
fail" }
}
```

Response - 201 Created

```
{
  "depositId": "bbeebd49-bd79-41a5-8f6b-0ad92c88d673",
  "url": "https://pay.paypap.org/deposit/card/bbeebd49-bd79-41a5-8f6b-0ad92c88d673"
}
```

GET `/cardDeposits/{depositId}` Get a card deposit

Retrieves details of a specific card deposit by its ID.

Response - 200 OK

```
{
  "transactionId": "7a0bd718-111c-4a02-af36-0be7b8fd387b",
  "currency": "TRY",
  "requestedAmount": 5000,
  "amount": 5000,
  "status": { "code": 6001, "desc": "Completed" },
  "createdAt": "2020-01-01T00:00:00.000Z",
  "updatedAt": "2020-01-01T00:00:10.000Z"
}
```

Webhook

Receive payment status notifications

POST /callback

Client Callback Endpoint

> **Important**
>
> This endpoint is **implemented by the client**. PayPap will send POST requests to your configured callback URL when payment status changes.

Callback Payload Example

```json
{
  "method": "bank",
  "type": "deposit",
  "clientId": 100123456789,
  "depositId": "bbeebd49-bd79-41a5-8f6b-0ad92c88d673",
  "transactionId": "7a0bd718-111c-4a02-af36-0be7b8fd387b",
  "fullName": "Foo Bar",
  "currency": "TRY",
  "requestedAmount": 5000,
  "amount": 5000,
  "user": { "userId": "1234567890", "username": "foobar", "fullName": "Foo Bar" },
  "status": { "code": 4001, "desc": "Completed" },
  "timestamp": 1672531200,
  "checksum": "0c1c7dc308dfc8f586484a6eaebe3be07b099462"
}
```

Checksum Verification (JavaScript)

```javascript
const crypto = require('crypto');

function verifyChecksum(payload, apiSecret) {
  const expected = crypto.createHash('sha1')
    .update(apiSecret + payload.timestamp + payload.depositId)
    .digest('hex');
  return expected === payload.checksum;
}
```

PayPap API Documentation v1.2.3