API
Documentation

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📌 ALPHAS Pay API Documentation

1. ◇ Introduction

ALPHAS Pay is a crypto payments gateway that enables seamless integration with your existing website.

a. Integration Methods

You can integrate ALPHAS Pay using:

- **API:** Server-side integration for automated transactions.

2. 🛠 Getting Started

a. 🔑 Account Setup

- **Registering** your ALPHAS Pay account.
- **Logging into** your ALPHAS Pay dashboard.

b. 🔗 Integration

- **Creating API Keys**
- **Setting up Webhooks**

c. 🔍 Base URL

All API requests should be made to the following base URL:
`https://restapi.alphaspay.com/v1`

3. API Authentication

To authenticate API requests, obtain API Keys from **Settings > Integrations**. This provides an **API Secret** Key for making api calls.

a. Required Headers

Header	Value
`secret-api-key`	Your ALPHAS Pay API Key

b. Payload Format

All POST requests require JSON payloads in the request body.

4. Payments

Payments are deposit requests containing payment details, allowing customers to send cryptocurrency via a supported network. Payments are tracked by a unique **Payment ID**.

a. Payment Model

Attribute	Definition
`id` (string)	Unique Payment ID
`created_at`	Date and Time of creation
`payment_currency`	Currency used for payment
`payment_amount`	Amount to be sent to complete payment
`requested_currency`	Currency against which payment is made
`requested_amount`	Requested amount in `requested_currency`
`address`	Destination wallet address
`status`	Current payment status
`notes`	Optional notes attached to payment
`passthrough`	Optional metadata (string or JSON)

b. ☑️ Payment Statuses

Status	Description
new	Payment created, deposit address generated
pending	Transactions found, awaiting confirmations
cancelled	Payment has been cancelled
complete	Payment conversion finished, completed
incomplete	Deposit made but below accepted threshold
overpay	Deposit made but above accepted threshold

5. 🔄 API Endpoints

a. 📌 Create Payment

Endpoint: POST `/createPayment`

📩 Payload Parameters

Parameter	Description	Required
requested_currency	Currency for payment (USD)	✅ Yes
requested_amount	payment amount that is requested in USD	✅ Yes
payment_currency	Crypto currency for payment (e.g, ETH,TRX,USDT,USDC)	✅ Yes
payment_currency_standard	Blockchain standard (ERC-20, TRC-20, etc.)	⚠️ Only for tokens
passthrough	Metadata (string)	❌ No
notes	Notes for dashboard visibility	❌ No

📩 Response Examples

▨ 201 Success Response

```
{
  "id": 10,
  "created_at": "2024-06-05T16:31:22.000Z",
  "network_rate": "0.9999",
  "network_fees": "9985289484 WEI",
  "payment_currency": "USDC",
  "payment_amount": "20.000339",
  "requested_currency": "USD",
  "requested_amount": "20",
  "status": "New",
  "address": "0x10e50b88aa32355d5a3f070ff3ce813cc9440381",
  "qrcode": "[QR Code Image]",
  "alphaspay_fees": "0",
  "notes": "any notes user wrote",
  "passthrough": "{\"Apple\":1,\"Pineapple\":1,\"Banana\":1,\"totalItems\":3}",
}
```

400 Bad Request

```
{
  "message": "Invalid Request",
  "error": "Missing required parameters",
  "statusCode": 400
}
```

b. Get All Payments

Endpoint: GET `/payments`

200 Success Response

```
[
   {
  "id": 259,
  "client_id": 10,
  "wallet_id": 30,
  "requested_currency": "USD",
  "payment_type": "PAYMENT",
  "requested_amount": "1.45",
  "payment_currency": "USDT",
  "payment_currency_amount": "1.44973",
  "notes": "test",
  "passthrough": "{\"Apple\":1,\"Pineapple\":1,\"Banana\":1,\"totalItems\":3}",
  "status": "New",
  "total_amount": "1.44973",
  "alphaspay_fees": "0",
  "payment_uuid": "559b84d7-023d-4576-acb5-292318a4d77c",
  "created_at": "2025-02-07T09:55:14.000Z",
  "updated_at": "2025-02-07T09:55:14.000Z",
  "paymentTransaction": [Transactions details object, ....],
  "address": "TJN144gEDe9D35p4XZ221ApaEidXH6RuAZ"
}
,
......
]
```

400 Bad Request

```
{
  "message": "Unauthorized",
  "error": "Unauthorized",
  "statusCode": 401
}
```

c. Get Payment by ID

Endpoint: GET `/payments/[ID]`

200 Success Response

```
{
  "id": 259,
  "client_id": 10,
  "wallet_id": 30,
  "requested_currency": "USD",
  "payment_type": "PAYMENT",
  "requested_amount": "1.45",
  "payment_currency": "USDT",
  "payment_currency_amount": "1.44973",
  "notes": "test",
  "passthrough": "{\"Apple\":1,\"Pineapple\":1,\"Banana\":1,\"totalItems\":3}",
  "status": "New",
  "total_amount": "1.44973",
  "alphaspay_fees": "0",
  "payment_uuid": "559b84d7-023d-4576-acb5-292318a4d77c",
  "created_at": "2025-02-07T09:55:14.000Z",
  "updated_at": "2025-02-07T09:55:14.000Z",
  "paymentTransaction": [],
  "address": "TJN144gEDe9D35p4XZ221ApaEidXH6RuAZ"
}
```

📖 404 Not Found

```
{
  "message": "Payment with id 1234 not found",
  "statusCode": 404
}
```

6. 🔔 Payment Webhooks

Webhooks provide real-time updates. They send a POST request to your specified URL with a response format identical to **Get Payment API**.

☑ Webhook Payload Example

```
{
  "event": "confirm_transaction",
  "data": {
    "id": 2,
    "notes": "alphaspay transaction",
    "status": "Incomplete",
    "address": "0x3533e0293b3e611219d031bf5d15421d4678ff5b",
    "sender_address": "0x1d3ad849121af6b0183aec00224c74f52102d3f9",
    "created_at": "2024-09-29T14:42:26.000Z",
    "profile_id": 11,
    "paid_amount": {
      "fait": {
        "amount": "2.97051",
        "currency": "USD"
      },
      "crypto": {
        "amount": "2.97",
        "currency": "USDT"
      }
    },
    "passthrough":
"{\"Pineapple\":1,\"Apple\":1,\"Banana\":1,\"Watermelon\":1,\"totalItems\":4}",
    "confirmed_at": "2024-09-29T14:42:26.000Z",
    "transaction": [
      {
        "id": 2,
        "url": "",
        "trxid":
"0x67ef69ce1a5331a5a8d1b23b2e32856e5226c88ed8ce9dc7bda5585b75e0fb07",
        "amount": {
          "fiat": {
            "amount": "2.97051",
            "currency": "USD"
          },
          "crypto": {
            "amount": "2.97",
            "currency": "USDT"
          }
        },
        "currency": "USDT",
        "created_at": "2024-09-29T14:42:26.000Z",
        "confirm_at": "2024-09-29T14:42:26.000Z"
      }
    ],
    "payment_amount": "3.44941",
    "payment_currency": "USDT",
    "requested_amount": "3.45",
    "requested_currency": "USD",
    "callback_status": "payment_Incomplete"
  }
}
```

Differences Based on Webhook Type:

- payment_pending: callback_status = payment_pending
- payment_incomplete: callback_status = payment_incomplete
- payment_overpay: callback_status = payment_overpay

7. 🛠️ Error Handling

Common HTTP Errors

Status Code	Description
`400` Bad Request	Missing or invalid parameters
`401` Unauthorized	Invalid API Key
`403` Forbidden	Insufficient permissions
`404` Not Found	Resource does not exist
`500` Server Error	Internal server issue

8. 📌 Contact Support

For any issues, please contact **ALPHAS Pay Support** at: support@alphaspay.com.