☰ ‹› **API Documentation** 🔍 ☀️

Create Rapid Deposit Address ⌄

Create Rapid Deposit Address

✦ Ask AI ⌄

POST `https://api.getorbital.io/crypto/deposit/receiving-address` ⋯ ⎘

Generate a unique crypto deposit address for a user to receive direct wallet transfers.

📓 **Payer and Entity Types**

Select the appropriate payer and entity type based on your customer's details and compliance requirements.

Payer Types:

- **Individual Payer:** A single person paying (e.g. John Doe).
- **Corporate Payer**: A business or organization paying (e.g. Acme Corp).

Entity Types:

- **PPOU - Pay perform OÜ (Estonia- EU)** — for virtual currency services and crypto transactions that fall under Estonian/EU Travel Rule compliance.
- **PPDL - Pay Perform Digital Limited (Gibraltar)** — for Distributed Ledger Technology (DLT) services and digital asset transactions that fall under Gibraltar's Travel Rule compliance framework.

See Travel Rule for more information

Body Params

INDIVIDUAL PAYER (PPOU) ⌄

externalId string required

`ExternalID374785`

`Unique ID` for the transaction generated by the merchant. Each request requires a **new** externalId; reusing one is not allowed.

currency string

`USDT`

The cryptocurrency to be transferred by the payer.

Accepted: `USDT` , `USDC` , `ETH` , `BTC` , `LTC` , `BCH` .

mainCurrency string

`ETH`

The blockchain network required for stablecoin deposits (USDT or USDC).

For e.g, if `USDT` is specified in the `currency` field and `TON` here, it signifies USDT on TON `USDT-TON`.

Allowed networks for USDT: `TRX`, `ETH`, `MATIC`, `TON`, `BNB`.

Allowed networks for USDC: `SOL`, `ETH`, `MATIC`, `TRX`, `BNB`.

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targetCurrency string

The fiat currency in which the merchant will be credited.

Accepted: `USD`, `GBP`, `EUR`.

- If `targetCurrency` is set, a **crypto-fiat conversion** occurs.
- If omitted, no conversion occurs, and the deposit is made in the cryptocurrency specified in the `currency` field.

| USD |

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cashierCurrency string enum

The currency in which the payer's balance is displayed on the merchant platform.

＋ **Show 31 enum values**

| USD ⇅ |

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notifyUrl string

Merchant webhook URL to receive payment notifications.

| http://notify.com |

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firstName string required length ≤ 100

Payer's first name.

| John |

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lastName string required length ≤ 100

Payer's last name.

Note: For customers in countries where last names are not available, pass `LNU` (Last Name Unavailable) in this field.

| Doe |

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dateOfBirth string required

Payer's date of birth (`YYYY-MM-DD`).

| 1998-10-30 |

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email string

Payer's email address.

| john.doe@example |

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streetName string required length ≤ 70

Street name of the payer's address.

| hogwarts |

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buildingNumber string required length ≤ 16

Building number of the payer's address.

| 012211 |

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townName string length ≤ 35

Town of the payer's address.

| London |

---

postcode string length ≤ 16

Postal code of the payer's address.

| 40122 |

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countryOfResidence string required

The country where the payer's resides (`ISO-3166-1 alpha-2`).

| GB |

identificationType string enum required   nationalRegi... ⇅

The type of identification used for the payer.

Allowed: nationalRegistration   placeOfBirth

placeOfBirth string length ≤ 70   London

Payer's place of birth.

Required if   identificationType   is   placeOfBirth .

documentNumber string length ≤ 35   1234567890

Identification document number.

Required if   identificationType   is   nationalRegistration .

documentType string enum   Passport ⇅

Identification document.

Required if   identificationType   is   nationalRegistration .

   + **Show 9 enum values**

documentCountryOfIssue string   GB

The country that issued the identification document (ISO-3166-1 alpha-2 code).

Required if   identificationType   is   nationalRegistration .

customerId string length ≤ 50   CUST-12345

The internal ID for the payer.

Required if   identificationType   is   nationalRegistration

personType string Defaults to naturalPerson   naturalPerson

Indicates the type of payer. Can be   naturalPerson   or   legalPerson .

Responses

— **200**	
Successful address creation and Travel Rule data validation.	›

— **400**	
Validation error - missing or invalid request parameters.	›

— **401**	
Unauthorized – API key is missing or invalid.	›

— **500**	
Internal server error. This can be caused by duplicate externalId, missing permissions, or unexpected server-side issues	›

LANGUAGE

| Shell | Node | Ruby | PHP | Python | ⋮ |

CREDENTIALS ⍰

| Header | x-api-key | 🔒 |

cURL Request ⌄　　　　　　　　　　　　　　　　Examples ⌄

```
1 curl --request POST \
2     --url https://api.getorbital.io/crypto/deposit/receiving-address \
3     --header 'accept: application/json' \
4     --header 'content-type: application/json' \
5     --data '
6 {
7   "identificationType": "nationalRegistration"
8 }
9 '
```

Try It!

RESPONSE

Click **Try It!** to start a request and see the response here! Or choose an example:

application/json

| — 200 | — 400 | — 401 | — 500 |

🕐 Updated 6 months ago

← **Create Deposit Invoice with Travel Rule**

Generate EPP Signature →

Did this page help you?　👍 Yes　👎 No