

# Generate EPP Signature

🌟 Ask AI ▾

**POST** <https://hpp.getorbital.io/invoice/widgets>

Use this endpoint to generate a unique signature for an Embedded Payment Page (EPP). This signature allows you to securely render the Orbital checkout flow within an iframe on your own site.

## Body Params

INDIVIDUAL PAYER (PPOU) ▾

**externalId** string **required**

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

**notifyUrl** string **required**

Merchant webhook URL to receive payment notifications.

**returnUrl** string **required**

URL to redirect payer after completing the deposit.

**currency** string

The cryptocurrency to be transferred by the payer.

Accepted:  ,  ,  ,  ,  ,  .

**mainCurrency** string

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

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

Allowed networks for USDT:  ,  ,  ,  ,  .

Allowed networks for USDC:  ,  ,  ,  ,  .

**sourceAmount** string

The amount of cryptocurrency being sent.

**targetCurrency** string

The fiat currency in which the merchant will be credited.

Accepted:  ,  ,  .

- 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.

**targetAmount** string

950

Amount in `targetCurrency` that the merchant will receive after conversion.**cashierCurrency** string enum

USD

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

[+ Show 31 enum values](#)**cashierAmount** string

1000

Amount in `cashierCurrency` that is reflected on the payer's balance in the merchant platform.**logoImage** string

https://hpp.coinflc

Merchant's logo image in `PNG` or `SVG` format.**productImage** string

https://hpp.coinflc

Product image in `JPG` format to display on the deposit screen.**primaryColor** string

#FF5733

Primary button color in `HEX`, `RGB`, or `RGBA` format.**secondaryColor** string

#C70039

Secondary button color in `HEX`, `RGB`, or `RGBA` format.**refundAddress** string

1FfmbHfnpaZjKFv

Optional refund wallet address provided by the payer.

**locale** string enum

en-US

Default language for the user interface.

[+ Show 63 enum values](#)**firstName** string **required** length ≤ 100

John

Payer's first name.

**lastName** string **required** length ≤ 100

Doe

Payer's last name.

**dateOfBirth** string **required**

1998-10-30

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

john.doe@exampl

Payer's email address.

**streetName** string **required** length ≤ 70

hogwarts

Street name of the payer's address.

<b>buildingNumber</b> string <b>required</b> length ≤ 16 Building number of the payer's address.	012211
<b>townName</b> string length ≤ 35 Town of the payer's address.	London
<b>postcode</b> string length ≤ 16 Postal code of the payer's address.	40122
<b>countryOfResidence</b> string <b>required</b> The country where the payer's resides ( ISO-3166-1 alpha-2 ).	GB
<b>identificationType</b> string enum <b>required</b> The type of identification used for the payer. Allowed: <input type="text" value="nationalRegistration"/> <input type="text" value="placeOfBirth"/>	nationalRegi... 
<b>placeOfBirth</b> string length ≤ 70 Payer's place of birth. Required if <code>identificationType</code> is <code>placeOfBirth</code> .	London
<b>documentNumber</b> string length ≤ 35 Identification document number. Required if <code>identificationType</code> is <code>nationalRegistration</code> .	1234567890
<b>documentType</b> string enum Identification document. Required if <code>identificationType</code> is <code>nationalRegistration</code> . <input type="button" value="+ Show 9 enum values"/>	Passport 
<b>documentCountryOfIssue</b> string The country that issued the identification document (ISO-3166-1 alpha-2 code). Required if <code>identificationType</code> is <code>nationalRegistration</code> .	GB
<b>customerId</b> string length ≤ 50 The internal ID for the payer.	CUST-12345
<b>format</b> string Indicates if the response should be in JSON format and respond with only the URL.	json
<b>personType</b> string Defaults to naturalPerson Indicates the type of payer. Can be <code>naturalPerson</code> or <code>legalPerson</code> .	naturalPerson

## Responses

- 200  
Successful EPP signature creation >
- 400  
Validation error - missing or invalid request parameters. >
- 401  
Unauthorized – API key is missing or invalid. >

LANGUAGE

  
Shell

  
Node

  
Ruby

  
PHP

  
Python

⋮

CREDENTIALS ⓘ

HEADER ⓘ

Header	x-api-key	🔒
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**cURL Request** Examples ▾

```

1 curl --request POST \
2   --url https://hpp.getorbital.io/invoice/widgets \
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

🕒 Updated 6 months ago

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[Update Missing Travel Rule Information for Rapid Deposit Address](#) →

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