

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.	ExternalID374785
notifyUrl string required Merchant webhook URL to receive payment notifications.	http://notify.com
returnUrl string required URL to redirect payer after completing the deposit.	https://return.url
currency string The cryptocurrency to be transferred by the payer. Accepted: USDT, USDC, ETH, BTC, LTC, BCH.	USDT
mainCurrency string 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.	ETH
sourceAmount string The amount of cryptocurrency being sent.	1000
targetCurrency string The fiat currency in which the merchant will be credited. Accepted: USD, GBP, EUR.	USD

- 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

Amount in `targetCurrency` that the merchant will receive after conversion.

cashierCurrency string enum

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

[+ Show 31 enum values](#)

cashierAmount string

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

logoImage string

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

productImage string

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

primaryColor string

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

secondaryColor string

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

refundAddress string

Optional refund wallet address provided by the payer.

locale string enum

Default language for the user interface.

[+ Show 63 enum values](#)

firstName string **required** length ≤ 100

Payer's first name.

lastName string **required** length ≤ 100

Payer's last name.

dateOfBirth string **required**

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

email string

Payer's email address.

streetName string **required** length ≤ 70

Street name of the payer's address.

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

PHP



Python



CREDENTIALS ⓘ

HEADER ⓘ

Header

x-api-key



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

← [Create Rapid Deposit Address](#)

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

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