



CREATIVE GAMING

# Technical Document

## Chapter 3 Seamless Wallet

Updated December 2024

## Chapter 3 、Seamless Wallet

- Firewall Settings:

If your end has a firewall, please whitelist CG's requests:

HOST IP:

18.136.191.155

18.139.175.199

18.140.251.223

52.74.67.92

59.125.102.81

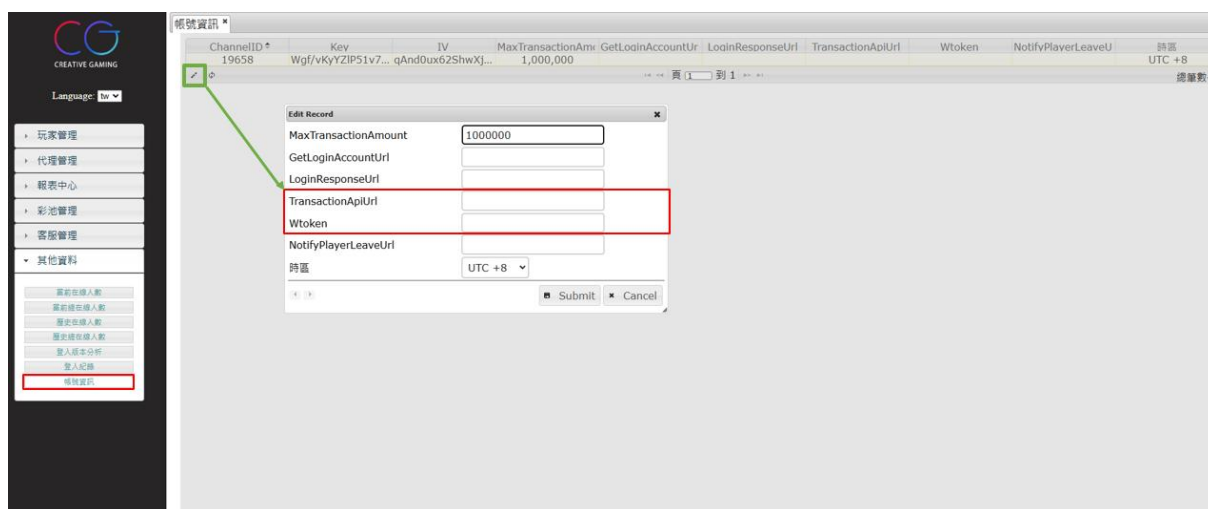
- Router Configuration Confirmation

If your site is designed with a router, please confirm the redirected path

### — 、Seamless Wallet Balance API Integration

1. CG will automatically generate the **balance** API address based on your backend's [TransactionApiUrl], formatted as: [TransactionApiUrl]/**balance**

Example: <https://www.cg.com/wallet/balance>



2. CG Request Format:

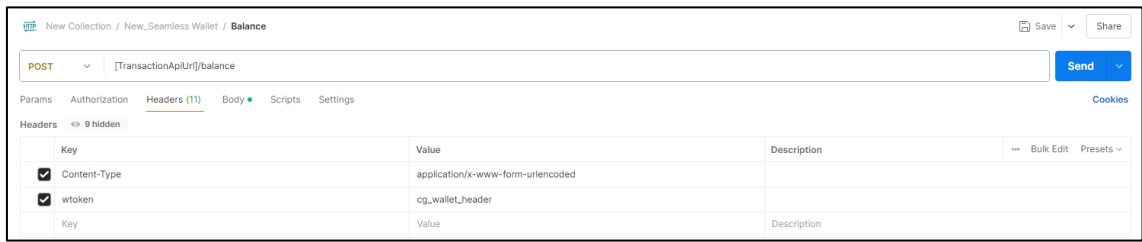
CG's request uses HTTP POST, including the following:

- I. Header:

Content-Type=**application/x-www-form-urlencoded**

**wtoken=Authentication token logged in backend (e.g., cg\_wallet\_header)**

Image examples are as follows:



## II. Body (Raw Text)

version=1.0&channelId=33506&data=VQAbtYUokiHtaSOlcqLXKQ/dYNI9fk5ONXZi1YQBnc9hhu18M35feS5ML/aNRL57

Image examples are as follows:



- version: version description text, currently has no special use, not necessary
- channelId: channel number, can identify different platform providers
- data: AES encrypted ciphertext, please use iv&key to decrypt, the decrypted example is as follows

```
{
  "channelId": "33506",
  "accountId": "go112"
}
```

Parameter format

Parameter Name	Description	Type	Allow empty
channelId	Channel ID passed via game launch URL	String	N
accountId	Player account ID from your [GetLoginAccountURL] response	String (127)	N

## 3. Platform Response

- Response Header: Content-Type=**text**
- Response Body: The full response content must be converted to a Json string and then AES encrypted

Example Pre-Encrypted Json String

```
{
  "channelId" : "33506" ,
  "accountId" : "go112" ,
  "balance" : 9570328.15,
  "currency" : "kVND" ,
  "errorCode" : 0,
  "returnTime": "2024-12-14 13:33:28+08:00",
  "error": {
    "code": 0,
    "message": "success"
  }
}
```

Note: Json string, and ensure the following rules

- The content must be in a continuous format
- No spaces, tab characters, or other extra spaces are allowed

The AES encrypted string is as follows:

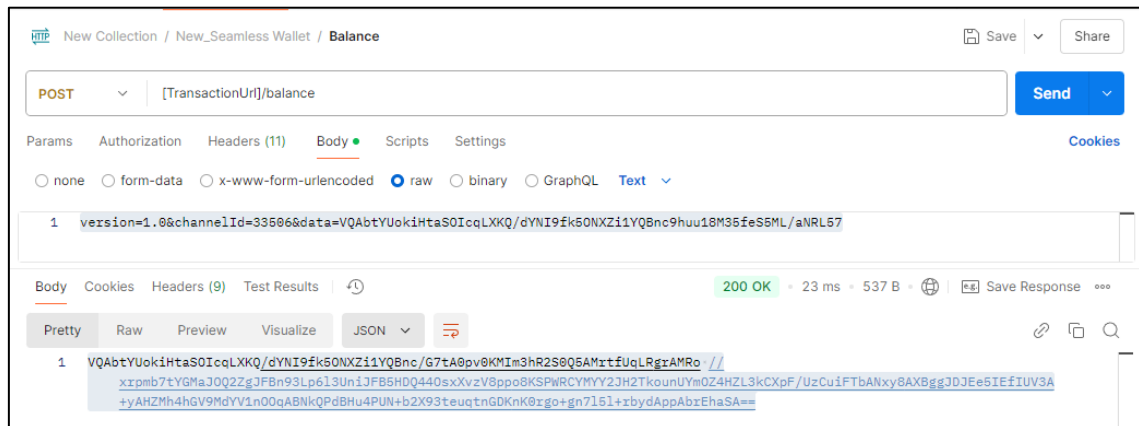
VQAbtYUokiHtaSOlcqLXKQ/dYNI9fk5ONXZi1YQBnc/G7tA0pv0KMIIm3hR2S0Q5  
AMrtfUqLRgrAMRo//xrpmb7tYGMaJOQ2ZgJFBn93Lp6l3UniJFB5HDQ44OsxXvzV  
8ppo8KSPWRCYMY2JH2TkounUYmOZ4HZL3kCXpF/UzCuiFTbANxy8AXBggJDJ  
Ee5IEfiUV3A+yAHZMh4hGV9MdYV1nOOqABNkQPdBU4PUN+b2X93teuqtnG  
DKnK0rgo+gn7l5l+rbydAppAbrEhaSA==

Parameter format

Parameter Name	Description	Type	Allow empty
channelId	Channel number	String	N
accountId	Player unique identifier (account)	String (127)	N
balance	When errorCode is success (0), the correct balance will be displayed. In other cases, it is 0. It is accurate to the second decimal place. Please use <.> for the base point symbol. Maximum length: 14 digits. With decimal: 12 integers + 2 decimals. Without decimal: 14 integers.	Number	N
currency	Currency	String	N
errorCode	When the error code errorCode is not 0, please refer to the error code comparison in "CG technical document_Chapter07_Refer table"	Number	N
returnTime	Return time, the time string format is RFC3339 yyyy-mm-ddThh:mm:ss[UTC Time zone]:00	String	N

error	message Error message, type is String	String	Y
	error code, type is Number	Number	

#### 4. Use the request tool (Postman) to verify the image example:



#### 5. Start the game:

After this implementation, the game can be started correctly and the game screen can be seen.

Game example GameType: LuckyPig



## 二、Seamless Wallet Bet API Integration

1. CG will automatically generate the **bet** API address based on your backend's [TransactionApiUrl], formatted as: [TransactionApiUrl]/game/bet

Example: <https://www.cg.com/wallet/game/bet>

#### 2. CG Request Format

CG's request uses HTTP POST, including the following:

I. Header:

Content-Type=application/x-www-form-urlencoded

wtoken=Authentication token logged in backend (e.g., cg\_wallet\_header)

II. Body (**Raw Text**)

version=1.0&channelId=33506&data=VQAbtYUokiHtaSOlcqLXKQ/dYNI9fk5ON  
XZi1YQBnc/8siqHALZD2jf+t752CehWELxQJDVCCImYFfPWBbuMhfHCAqJPq/qL  
WjaY/njAYEC0hmluHChWXxrKYumBKsmNUX2tvHGgGwG11HKZOEXYh310s1Az  
7D8cSeSieHHTPG8J5Vpr6UITnZM7s1i5aRT0sqjvfHMup1Hf46uBdwWgG6g4cH1s  
euC0XCW4HceGwZ4k/alp6/UiVsjn+HCerD9b

- version: version description text, currently has no special use, not necessary
- channelId: channel number, can identify different platform providers
- data: AES encrypted ciphertext, please use iv&key to decrypt, the decrypted example is as follows

```
{  
  "channelId": "33506",  
  "accountId": "go112",  
  "roundId": "202412140000010",  
  "mtcode": "mtcode-bet-2024121410",  
  "gameType": "Rich",  
  "amount": 1800,  
  "currency": "kVND",  
  "eventTime": "2024-12-14T20:10:22+08:00"  
}
```

Parameter format

Parameter name	Description	Type
channelId	Channel ID passed via game launch URL	String
accountId	Player account ID from your <b>[GetLoginAccountURL]</b> response	String
roundId	Transaction round ID generated by CG	String
mtcode	The transaction mix code generated by CG, the bet transaction mix code must be a string in the format "mtcode-bet-xxxx", such as: <b>mtcode-bet-11276</b>	String
gameType	Identifier for the game being played	String
amount	The amount bet by the player, <b>Maximum length: 14 digits</b> . With decimal: 12 integers + 2 decimals. Without decimal: 14 integers.	Number
currency	Currency	String

eventTime	The time of the player's bet for the wallet platform to record or check the timeout. The time string format is <b>RFC3339</b> yyyy-mm-ddThh:mm:ss[UTC Time zone]:00	String
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### 3. Platform Response:

- I. Response Header: Content-Type=**text**
- II. Response Body: The full response content must be converted to a Json string and then AES encrypted

Example Pre-Encrypted Json String

```
{
  "channelId": "33506",
  "accountId": "go112",
  "balance": 9568528.15,
  "currency": "kVND",
  "errorCode": 0,
  "returnTime": "2024-12-14 13:33:28+08:00",
  "error": {
    "code": 0,
    "message": "success"
  }
}
```

Note: Json string, and ensure the following rules

- The content must be in a continuous format
- No spaces, tab characters, or other extra spaces are allowed

The AES encrypted string is as follows:

VQAbtYUokiHtaSOlcqLXKQ/dYNI9fk5ONXZi1YQBnc9B3IR493cQFyTfu0uOqHFyONUxYHJ4jAKcz  
mzHwmcxNaso3QGz85nYHT44yBgGC03mGyiBC5n64iTk2vYzjn7Mr2tUk7j+YbdBIYuDS3LVc+ofX  
/qL1gkMCwXPyBcs0bE=

Parameter format

Parameter Name	Description	Type	Allow empty
channelId	Channel number	String	<b>N</b>
accountId	Player unique identifier (account)	String (127)	<b>N</b>
balance	When errorCode is success (0), the correct balance will be displayed. In other cases, it is 0. <b>It is accurate to the second decimal place.</b> Please use <.> for the base point symbol. <b>Maximum length: 14 digits.</b>	Number	<b>N</b>

	With decimal: 12 integers + 2 decimals. Without decimal: 14 integers.		
currency	Currency	String	N
errorCode	When the errorCode is not 0, please refer to the error code comparison in " <b>CG technical document_Chapter07_Refer table</b> "	Number	N
returnTime	<b>Return time</b> , the time string format is <b>RFC3339</b> yyyy-mm-ddThh:mm:ss[UTC Time zone]:00	String	N
error	message Error message, type is String	String	Y
	error code, type is Number	Number	

4. Use the request tool (Postman) to verify the image example:



### 三、Seamless Wallet Record API Integration

1. CG will automatically generate the **record** API address based on your backend's `[TransactionApiUrl]`, formatted as: `[TransactionApiUrl]/record`  
Example: <https://www.cg.com/wallet/record>

#### 2. CG Request Format

CG's request uses HTTP POST, including the following:

##### I. Header:

Content-Type=application/x-www-form-urlencoded

wtoken=Authentication token logged in backend (e.g., `cg_wallet_header`)

##### II. Body (**Raw Text**)

version=1.0&channelId=33506&data=[VQAbtYUokiHtaSOIcqLXKQ/dYNI9fk5ONXZi1YQBnc/8siqHALZD2jf+t752CehWELxQJDVCCImYFfPWBbuMhcG8r/BO56WbHHinYi5GO/5cEWdh9MRCFisAjonsRCRQtQn3qeSI/B++bxLlbuQiA==](#)

- version: version description text, currently has no special use, not necessary



- channelId: channel number, can identify different platform providers
- data: AES encrypted ciphertext, please use iv&key to decrypt, the decrypted example is as follows

```
{
  "channelId": "33506",
  "accountId": "go112",
  "roundId": "202412140000010",
  "mtcode": "mtcode-bet-2024121410"
}
```

#### Parameter format

Parameter name	Description	Type
channelId	Channel ID passed via game launch URL	String
accountId	Player account ID from your <b>[GetLoginAccountURL]</b> response	String
roundId	Transaction round ID generated by CG	String
mtcode	The transaction mix code generated by CG, the bet transaction mix code must be a string in the format "mtcode-bet-xxxx", such as: mtcode-bet-11276	String

### 3. Platform Response:

- I. Response Header: Content-Type=**text**
- II. Response Body: The full response content must be converted to a Json string and then AES encrypted

#### Example Pre-Encrypted Json String

```
{
  "data": {
    "transaction_id": "3cb8cdc146024b5aa3e5cabff3384c16",
    "action": "bet",
    "target": {
      "account": "go112"
    },
    "balance": {
      "before": 9570328.15,
      "after": 9568528.15
    },
    "status": {
      "createtime": "2024-12-14T20:10:22+08:00",
      "endtime": "2024-12-14T20:12:22+08:00",
      "status": "success",
      "message": "success"
    }
  }
}
```

```

    },
    "currency": "kVND",
    "incident": {
        "mtcode": "mtcode-bet-2024121410",
        "amount": 1800,
        "eventtime": "2024-12-14T20:12:22+08:00"
    }
},
"channelId": "33506",
"errorCode": 0,
"returnTime": "2024-12-14T20:12:22+08:00"
}

```

If no record is found, apart from setting **errorCode** to **103**, all other parameters must also be included. Their values should be set to empty or null, and the system will automatically complete the processing of the transaction order. An example is as follows:

```

{
    "data": {
        "transaction_id": "null",
        "action": "",
        "target": "",
        "balance": "",
        "status": "",
        "currency": "kVND",
        "incident": ""
    },
    "channelId": "33506",
    "errorCode": 103,
    "returnTime": "2024-12-14T20:10:22+08:00"
}

```

Note: Json string, and ensure the following rules

The content must be in a continuous format

No spaces, tab characters, or other extra spaces are allowed

The AES encrypted string is as follows:

16se9VArsbL2sS8PzkAVCymkgwWiCrgLuY/0uMWJWWo+w01G1vQ2E+N4CCoA+BvDo+EXqq  
6CoAnRW5lgkwIacFkDbNYxK45Idnqz0weaLNdRDW3HdjICD8v7IerpQkTBL/TK0Kear8Qw4m  
Lbu1kYfW3sQ929snEP4mDL54GmOUhxAfxSk4x1zB8hf12J6WTxUKV5xkZeK6cpAdZR6d9zLbQ  
qUadIk06vyuoM8ewk7D6o/EpoltfwMMEM0GBJdYCo//rHw/rwCAxfOxsgSeLViBX2NVofZb6U

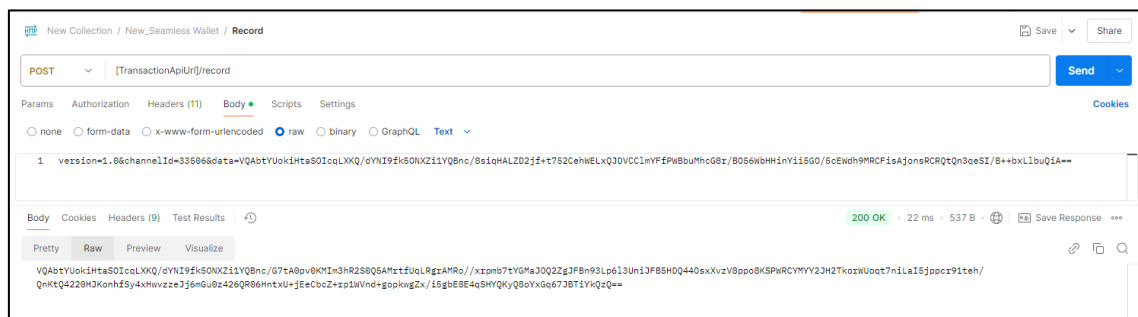
MvLv2rb/3rGNZVgsrsJNhS9kTo4TU9fxinHVW9z2w2eLPhXu0UexuwMZaNQA8OfRvnQb7bdko  
 IsjvsIVxLRfSsp84y2oFJSEzInTFHnN3rGruVF+AnXlieoYI5Jhj6yQEJn4EQb0H2HHstlnmvB2Wh/e  
 BMrK3cC81tPU1ZJVpClhr0Tpd/2OR4IG/HpPJpfMWXBY/KP08ikeI02pmjo52pj6n9KtAzOUxhQi  
 yvtE6kiSFK7UKBN1VOOjQGiRIT+wAyfEcqe6RHPAushjsvsp8TqLNDcf8wDOQmTrEigrVtvj1zxRP  
 GFHXxl/11NluLRf9DjX/6BNRS3ndVRz4STZOWoDGOO+Kb

## Parameter format

Parameter Name	Description	Type	Allow empty
data	Transaction record	Json	N
data.transaction_id	Transaction record id	String	N
data.action	Transaction action: <b>bet, endround</b>	String	N
data.target.account	Player account on your platform	String	N
data.balance.before	Balance <b>before</b> the transaction; 0 when the transaction status is not success. <b>accurate to the second decimal place</b> , the decimal point symbol use <.>	Number	N
data.balance.after	Balance <b>after</b> the transaction; 0 when the transaction status is not success. <b>accurate to the second decimal place</b> , the decimal point symbol use <.>	Number	N
data.status.createtime	Transaction start time, the time string format is <b>RFC3339</b> yyyy-mm-ddThh:mm:ss[UTC Time zone]:00	String	N
data.status.endtime	Transaction end time, the time string format is <b>RFC3339</b> yyyy-mm-ddThh:mm:ss[UTC Time zone]:00	String	N
data.status.status	Transaction status: <b>success, pending, failed, refund</b> . success for successful transactions, pending for ongoing transactions, failed for failed transactions, and refund for refunds.	String	N
data.status.message	Detailed transaction message	String	N
data.currency	Currency	String	N
data.incident.mtcode	Unique mixed code value	String	N
data.incident.amount	Transaction amount	Number	N
data.incident.eventtime	When the transaction time occurs, the CG send transaction will bring in this parameter.	String	N
channelId	Channel number	String	N

errorCode	Error code: <b>when no record is found, return error code 103</b>	Number	<b>N</b>
returnTime	Return time, the time string format is <b>RFC3339</b> yyyy-mm-ddThh:mm:ss[UTC Time zone]:00	String	<b>N</b>

4. Use the request tool (Postman) to verify the image example:



#### 四、Seamless Wallet Endround API Integration

- CG will automatically generate the **endround** API address based on your backend's [TransactionApiUrl], formatted as: [TransactionApiUrl]/**game/endround**  
Example: <https://www.cg.com/wallet/game/endround>

#### 2. CG Request Format:

CG's request uses HTTP POST, including the following:

##### I. Header:

Content-Type=application/x-www-form-urlencoded

wtoken=Authentication token logged in backend (e.g., cg\_wallet\_header)

##### II. Body (**Raw Text**)

version=1.0&channelId=33506&data=

VQAbtYUokiHtaSOlcqLXKQ/dYNI9fk5ONXZi1YQBnc/8siqHALZD2jf+t752CehWGzPto1SMN0NU  
5JFRO+syVjplwbOhJ5cTmJWye8EA7MmvqZNRmJjGzcB6rQngnrxeq+IclwJCNsuNEitmZzn/Mnqq  
yJpUIFieUdvb7ySTI9faQ5USvxBRnX2JUj5O5rlr/jJsCCPF3CG8XOIJCGe3nBx3kOIVDuHvc7BvZVjAU  
b7JwMnnjREYpupO6TOeoYYsZMdQtN0DWeSAXqDC9C9x+w==

- version: version description text, currently has no special use, not necessary
- channelId: channel number, can identify different platform providers
- data: AES encrypted ciphertext, please use iv&key to decrypt, the decrypted example is as follows

```

{
  "channelId": "33506",
  "accountId": "go112",
  "roundId": "202412150000001",
  "mtcode": "mtcode-endround-2024121502",
  "gameType": "Rich",
  "amount": 1800,
  "currency": "kVND",
  "eventTime": "2024-12-15T13:10:22+08:00"
}

```

### Parameter format

Parameter name	Description	Type
channelId	Channel ID passed via game launch URL	String
accountId	Player account ID from your [GetLoginAccountURL] response	String
roundId	Transaction roundId generated by CG	String
mtcode	The transaction mix code generated by CG, the bet transaction mix code must be a string in the format "mtcode-endround -xxxx", such as: <b>mtcode-endround-11277</b>	String
gameType	Identifier for the game being played	String
amount	Amount won by the player, <b>Maximum length: 14 digits</b> . With decimal: 12 integers + 2 decimals. Without decimal: 14 integers.	Number
currency	Currency	String
eventTime	The time of the player's bet for the wallet platform to record or check the timeout. The time string format is <b>RFC3339</b> yyyy-mm-ddThh:mm:ss[UTC Time zone]:00	String

### 3. Platform Response:

- I. Response Header: Content-Type=**text**
- II. Response Body: The full response content must be converted to a Json string and then AES encrypted

Example Pre-Encrypted Json String

```

{
  "channelId": "33506",
  "accountId": "go112",
  "balance": 9570328.15,
  "currency": "kVND",
  "errorCode": 0,
  "returnTime": "2024-12-14 13:33:28+08:00",
}

```

```

"error": {
  "code": 0,
  "message": "success"
}

```

Note: Json string, and ensure the following rules

- The content must be in a continuous format
- No spaces, tab characters, or other extra spaces are allowed

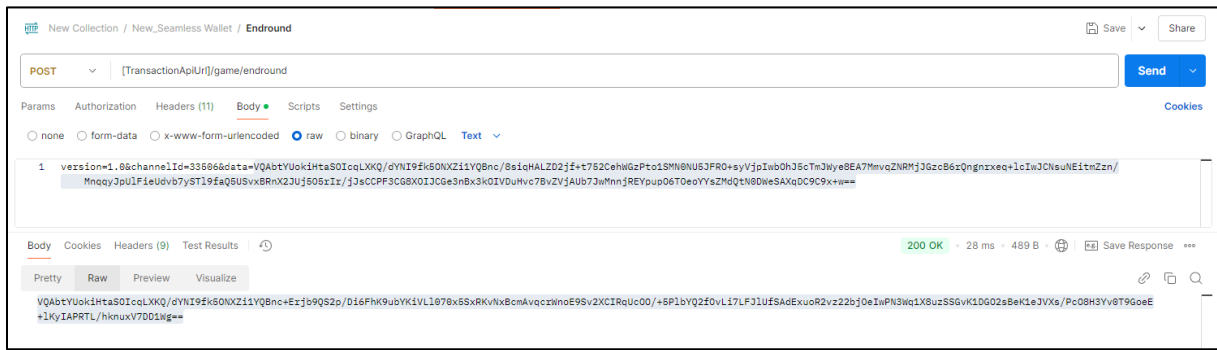
The AES encrypted string is as follows:

VQAbtYUokiHtaSOlcqLXKQ/dYNI9fk5ONXZi1YQBnc+Erjb9QS2p/Di6FhK9ubYKiVLI070x5SxRKvNxBcmAvqcrWnoE9Sv2XCIRqUcOO/+5PIbYQ2fOvLi7LFJlUfSAdExuoR2vz22bjOelwPN3Wq1X8uzSSGvK1DGO2sBeK1eJVXs/PcO8H3Yv0T9GoeE+lKylAPRTL/hknuxV7DD1Wg==

Parameter format

Parameter Name	Description	Type	Allow empty
channelId	Channel number	String	N
accountId	Player unique identifier (account)	String (127)	N
balance	When errorCode is success (0), the correct balance will be displayed. In other cases, it is 0. It is accurate to the second decimal place. Please use <.> for the base point symbol. Maximum length: 14 digits. With decimal: 12 integers + 2 decimals. Without decimal: 14 integers.	Number	N
currency	Currency	String	N
errorCode	When the errorCode is not 0, please refer to the error code comparison in "CG technical document_Chapter07_Refer table"	Number	N
returnTime	Return time, the time string format is RFC3339 yyyy-mm-ddThh:mm:ss[UTC Time zone]:00	String	N
error	message Error message, type is String	String	Y
	error code, type is Number	Number	

#### 4. Use the request tool (Postman) to verify the image example:



### 五、Seamless Wallet Refund API Integration

1. CG will automatically generate the **refund** API address based on your backend's [TransactionApiUrl], formatted as: [TransactionApiUrl]/**game/refund**

Example: <https://www.cg.com/wallet/game/refund>

#### 2. CG Request Format

CG's request uses HTTP POST, including the following:

##### I. Header:

Content-Type=application/x-www-form-urlencoded

wtoken=Authentication token logged in backend (e.g., cg\_wallet\_header)

##### II. Body (Raw Text)

version=1.0&channelId=33506&data=

VQAbtYUokiHtaSOIcLXKQ/dYNI9fk5ONXZi1YQBnc/8siqHALZD2jf+t752CehWGzPto1SMN0NU5JFRO+syVq+72fcZLYo+WOaS1CMIFHq7qr1KQER9+MUToLQYbBJxlc16Pf3gk7QWfmmYkgz7Zg==

- version: version description text, currently has no special use, not necessary
- channelId: channel number, can identify different platform providers
- data: AES encrypted ciphertext, please use iv&key to decrypt, the decrypted example is as follows:

```
{
  "channelId": "33506",
  "accountId": "go112",
  "roundId": "202412150000003",
  "mtcode": "mtcode-bet-2024121503"
}
```

### Parameter format

Parameter name	Description	Type
channelId	Channel ID passed via game launch URL	String
accountId	Player account ID from your [GetLoginAccountURL] response	String
roundId	Transaction round ID generated by CG	String
mtcode	The transaction mix code generated by CG, the bet transaction mix code must be a string in the format "mtcode-bet-xxxx", such as: <b>mtcode-bet-11276</b>	String

### 3. Platform Response:

- I. Response Header: Content-Type=**text**
- II. Response Body: The full response content must be converted to a Json string and then AES encrypted:

Example Pre-Encrypted Json String

```
{
  "channelId": "33506",
  "accountId": "go112",
  "balance": 9570328.15,
  "currency": "kVND",
  "errorCode": 0,
  "returnTime": "2024-12-14 13:33:28+08:00",
  "error": {
    "code": 0,
    "message": "success"
  }
}
```

Note: Json string, and ensure the following rules

- The content must be in a continuous format
- No spaces, tab characters, or other extra spaces are allowed

The AES encrypted string is as follows:

VQAbtYUokiHtaSOlcqLXKQ/dYNI9fk5ONXZi1YQBnc+Erjb9QS2p/Di6FhK9ubYKiVLI070x5SxRKvNxBcmAvqcrWnoE9Sv2XCIRqUcOO/+5PIbYQ2fOvLi7LFJlUfSAdExuoR2vz22bjOelwPN3Wq1X8uzSSGvK1DGO2sBeK1eJVXs/PcO8H3Yv0T9GoeE+IKylAPRTL/hknuxV7DD1Wg==



## Parameter format

Parameter Name	Description	Type	Allow empty
channelId	Channel number	String	N
accountId	Player unique identifier (account)	String (127)	N
balance	Balance after refund When errorCode is success (0), the correct balance will be displayed. In other cases, it is 0. <b>It is accurate to the second decimal place.</b> Please use <.> for the base point symbol. <b>Maximum length: 14 digits.</b> With decimal: 12 integers + 2 decimals. Without decimal: 14 integers.	Number	N
currency	Currency	String	N
errorCode	Error code When no record is found, <b>error code 103</b> is returned When the mtcode has been refunded, <b>error code 104</b> is returned	Number	N
returnTime	return time, the time string format is <b>RFC3339</b> yyyy-mm-ddThh:mm:ss[UTC Time zone]:00	String	N

## 4. Use the request tool (Postman) to verify the image example:

