

C2C SAPI v7.4

Release Note

Add 6 new APIs:

- Get chat image pre signed url
- Verify additional kyc
- Query CounterParty Order Statistic
- Get Payment Method by UserId
- Get commission overview
- Get taker commission rate

Modify 1 API:

- Get Ad Details By Merchant Number (TicketSize replaced by Scale)

Remove the following APIs:

- Query Transaction History With Pagination
- Query UserInfo Based on Mobile No or Email
- Delete Contact
- Get Contact List
- Get Transfer Detail
- Initiate Payment Transfer
- Transfer Eligibility Check

- 1. [Get All Applicable Ads Category](#)
- 2. [Get Ads Detail By Number](#)
- 3. [Get Ads Reference Price](#)
- 4. [Get Ads List with pagination](#)
- 5. [Post An Ad](#)
- 6. [Search Ads with Condition](#)
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- 21. [Check If Can release Digital Asset](#)
- 22. [Get User Order Detail](#)
- 23. [Get User Orders Statistic](#)
- 24. [Retrieve User Order List With Pagination](#)
- 25. [Retrieve User Order History With Pagination.](#)
- 26. [Mark Order as Paid](#)
- 27. [Place An Order](#)
- 28. [Query Counter Party Order Statistic](#)
- 29. [Release Digital Asset](#)
- 30. [Verified additional kyc](#)
- 31. [Get Payment Method by ID](#)
- 32. [Get Payment Method by UserId](#)
- 33. [List All Of Valid Payment Methods](#)
- 34. [Get User Detail](#)
- 35. [Get Risk Warning Tips](#)
- 36. [Get chat image pre signed url](#)
- 37. [Mark Messages As Read By User and Order](#)

- 38. [Mark Messages As Read By User](#)
- 39. [Retrieve Chat WSS URL, Listen Key and Token](#)
- 40. [Retrieve Chat Messages with Pagination](#)
- 41. [Get commission overview](#)
- 42. [Get taker commission rate](#)

Here is a step-by-step example of how to send a valid signed payload from the Linux command line using echo, openssl, and curl, using POST/sapi/v1/c2c/ads/getDetailByNo as example.

| Key | Value |
|-----------|--|
| apiKey | dbefbc809e3e83c283a984c3a1459732ea7db1360ca80c5c2c8867408d28cc83 |
| secretKey | 2b5eb11e18796d12d88f13dc27dbbd02c2cc51ff7059765ed9821957d82bb4d9 |
| Parameter | Value |
| adsNo | 10191633467710386176 |
| timestamp | 1591702613943 |

Example: Use HMAC SHA256 to generate signature for string "adsNo=10191633467710386176×tamp=1591702613943"

```
$ echo -n "adsNo=10191633467710386176&timestamp=1591702613943" | openssl dgst -sha256 - hmac
"2b5eb11e18796d12d88f13dc27dbbd02c2cc51ff7059765ed9821957d82bb4d9" (stdin)=
3c661234138461fcc7a7d8746c6558c9842d4e10870d2ecbedf7777cad694af9
```

Sample curl command of using SAPI (HMAC SHA256), including adsNo, timestamp and signature generated above

```
$ curl -H "X-MBX-APIKEY:dbefbc809e3e83c283a984c3a1459732ea7db1360ca80c5c2c8867408d28cc83" -X POST
'https://api.binance.com/sapi/v1/c2c/ads/getDetailByNo?
adsNo=10191633467710386176&timestamp=1591702613943&signature=3c661234138461fcc7a7d8746c655 8c9842d4e10870d2ecbedf7777cad694af9'
```

c2c-ads-controller

Ads Controller

1. Get All Applicable Ads Category

GET /sapi/v1/c2c/ads/getAvailableAdsCategory

Poster

Parameters

| Name | In | Type | Required | Description |
|------------|--------|--------|----------|--------------------|
| clientType | header | string | true | Client Device Type |
| x-gray-env | header | string | false | env flag |
| x-trace-id | header | string | false | x-trace-id |
| x-user-id | header | string | false | user id |

Example responses

200 Response

Responses

| Status | Meaning | Description | Schema |
|--------|--------------|--------------|--|
| 200 | OK | OK | CommonRet_UserAdsCategoryResp_ |
| 401 | Unauthorized | Unauthorized | None |
| 403 | Forbidden | Forbidden | None |
| 404 | Not Found | Not Found | None |

This operation does not require authentication

2. Get Ads Detail By Number

POST /sapi/v1/c2c/ads/getDetailByNo

Poster

Parameters

| Name | In | Type | Required | Description |
|------------|--------|--------|----------|--------------------|
| adsNo | query | string | true | adsNo |
| clientType | header | string | true | Client Device Type |
| x-gray-env | header | string | false | env flag |
| x-trace-id | header | string | false | x-trace-id |
| x-user-id | header | string | false | user id |

Example responses

200 Response

Responses

| Status | Meaning | Description | Schema |
|--------|--------------|--------------|---|
| 200 | OK | OK | CommonRet_AdDetailResp_ |
| 201 | Created | Created | None |
| 401 | Unauthorized | Unauthorized | None |
| 403 | Forbidden | Forbidden | None |
| 404 | Not Found | Not Found | None |

This operation does not require authentication

3. Get Ads Reference Price

POST /sapi/v1/c2c/ads/getReferencePrice

Buyer

Body parameter

```
{
  "assets": [
    "string"
  ],
  "fiatCurrency": "string",
  "fromUserRole": "string",
  "payType": "string",
  "tradeType": "string"
}
```

Parameters

| Name | In | Type | Required | Description |
|------------|--------|--|----------|--------------------|
| clientType | header | string | true | Client Device Type |
| x-gray-env | header | string | false | env flag |
| x-trace-id | header | string | false | x-trace-id |
| x-user-id | header | string | false | user id |
| body | body | AdReferencePriceQueryReq | true | param |

Example responses

200 Response

Responses

| Status | Meaning | Description | Schema |
|--------|--------------|--------------|--|
| 200 | OK | OK | CommonRet_List_AdReferencePriceResp_ |
| 201 | Created | Created | None |
| 401 | Unauthorized | Unauthorized | None |
| 403 | Forbidden | Forbidden | None |
| 404 | Not Found | Not Found | None |

This operation does not require authentication

4. Get Ads List with pagination

POST /sapi/v1/c2c/ads/listWithPagination

Poster

Body parameter

```
{
  "advNo": "string",
  "advStatus": 0,
  "asset": "string",
  "classify": "string",
  "endDate": "2019-08-24T14:15:22Z",
  "fiatUnit": "string",
  "inDeal": 0,
  "order": "string",
  "page": 0,
  "rows": 0,
  "sort": "string",
  "startDate": "2019-08-24T14:15:22Z",
  "tradeType": "string"
}
```

Parameters

| Name | In | Type | Required | Description |
|------------|--------|------------------|----------|--------------------|
| clientType | header | string | true | Client Device Type |
| x-gray-env | header | string | false | env flag |
| x-trace-id | header | string | false | x-trace-id |
| x-user-id | header | string | false | user id |
| body | body | AdQueryByPageReq | true | advQueryByPageReq |

Example responses

200 Response

Responses

| Status | Meaning | Description | Schema |
|--------|--------------|--------------|-----------------------------|
| 200 | OK | OK | CommonPageRet_AdDetailResp_ |
| 201 | Created | Created | None |
| 401 | Unauthorized | Unauthorized | None |
| 403 | Forbidden | Forbidden | None |
| 404 | Not Found | Not Found | None |

This operation does not require authentication

5. Post An Ad

POST /sapi/v1/c2c/ads/post

Body parameter

```
{
  "asset": "string",
  "authType": "FID02",
  "autoReplyMsg": "string",
  "buyerBtcPositionLimit": 0,
  "buyerKycLimit": 0,
  "buyerRegDaysLimit": 0,
  "classify": "string",
  "code": "string",
  "emailVerifyCode": "string",
  "fiatUnit": "string",
  "googleVerifyCode": "string",
  "initAmount": 0,
  "maxSingleTransAmount": 0,
  "minSingleTransAmount": 0,
  "mobileVerifyCode": "string",
}
```

```
"onlineDelayTime": 0,
"onlineNow": true,
"payTimeLimit": 0,
"price": 0,
"priceFloatingRatio": 0,
"priceType": 0,
"rateFloatingRatio": 0,
"remarks": "string",
"saveAsTemplate": 0,
"takerAdditionalKycRequired": 0,
"templateName": "string",
"tradeMethods": [
  {
    "identifier": "string",
    "payId": 0,
    "payType": "string"
  }
],
"tradeType": "string",
"userAllTradeCountMax": 0,
"userAllTradeCountMin": 0,
"userBuyTradeCountMax": 0,
"userBuyTradeCountMin": 0,
"userSellTradeCountMax": 0,
"userSellTradeCountMin": 0,
"userTradeCompleteCountMin": 0,
"userTradeCompleteRateFilterTime": 0,
"userTradeCompleteRateMin": 0,
"userTradeCountFilterTime": 0,
"userTradeType": 0,
"userTradeVolumeAsset": "string",
"userTradeVolumeFilterTime": 0,
"userTradeVolumeMax": 0,
"userTradeVolumeMin": 0,
"yubikeyVerifyCode": "string"
}
```

Parameters

| Name | In | Type | Required | Description |
|------------|--------|--------------|----------|--------------------|
| clientType | header | string | true | Client Device Type |
| x-gray-env | header | string | false | env flag |
| x-trace-id | header | string | false | x-trace-id |
| x-user-id | header | string | false | user id |
| body | body | AdPublishReq | true | request |

Example responses

200 Response

Responses

| Status | Meaning | Description | Schema |
|--------|--------------|--------------|-------------------|
| 200 | OK | OK | CommonRet_string_ |
| 201 | Created | Created | None |
| 401 | Unauthorized | Unauthorized | None |
| 403 | Forbidden | Forbidden | None |
| 404 | Not Found | Not Found | None |

This operation does not require authentication

6. Search Ads with Condition

POST /sapi/v1/c2c/ads/search

User

Body parameter

```
{
  "additionalKycVerifyFilter": 0,
```

```
"asset": "string",
"countries": [
  "string"
],
"fiat": "string",
"filterType": "string",
"order": "string",
"page": 0,
"payTypes": [
  "string"
],
"publisherType": "string",
"rows": 0,
"sort": "string",
"tradeType": "string",
"transAmount": 0
}
```

Parameters

| Name | In | Type | Required | Description |
|------------|--------|-------------|----------|--------------------|
| clientType | header | string | true | Client Device Type |
| x-gray-env | header | string | false | env flag |
| x-trace-id | header | string | false | x-trace-id |
| x-user-id | header | string | false | user id |
| body | body | AdSearchReq | true | adSearchReq |

Example responses

200 Response

Responses

| Status | Meaning | Description | Schema |
|--------|--------------|--------------|-----------------------------|
| 200 | OK | OK | CommonPageRet_AdSearchResp_ |
| 201 | Created | Created | None |
| 401 | Unauthorized | Unauthorized | None |
| 403 | Forbidden | Forbidden | None |
| 404 | Not Found | Not Found | None |

This operation does not require authentication

7. Update Ads

POST /sapi/v1/c2c/ads/update

Poster

Body parameter

```
{
  "advNo": "string",
  "advStatus": 0,
  "asset": "string",
  "authType": "FID02",
  "autoReplyMsg": "string",
  "buyerBtcPositionLimit": 0,
  "buyerKycLimit": 0,
  "buyerRegDaysLimit": 0,
  "code": "string",
  "emailVerifyCode": "string",
  "fiatUnit": "string",
  "googleVerifyCode": "string",
  "initAmount": 0,
  "maxSingleTransAmount": 0,
  "minSingleTransAmount": 0,
  "mobileVerifyCode": "string",
  "payTimeLimit": 0,
  "price": 0,
  "priceFloatingRatio": 0,
  "priceType": 0,
}
```

```
"rateFloatingRatio": 0,
"remarks": "string",
"saveAsTemplate": 0,
"takerAdditionalKycRequired": 0,
"templateName": "string",
"tradeMethods": [
  {
    "identifier": "string",
    "payId": 0,
    "payType": "string"
  }
],
"tradeType": "string",
"updateMode": "string",
"userAllTradeCountMax": 0,
"userAllTradeCountMin": 0,
"userBuyTradeCountMax": 0,
"userBuyTradeCountMin": 0,
"userSellTradeCountMax": 0,
"userSellTradeCountMin": 0,
"userTradeCompleteCountMin": 0,
"userTradeCompleteRateFilterTime": 0,
"userTradeCompleteRateMin": 0,
"userTradeCountFilterTime": 0,
"userTradeType": 0,
"userTradeVolumeAsset": "string",
"userTradeVolumeFilterTime": 0,
"userTradeVolumeMax": 0,
"userTradeVolumeMin": 0,
"yubikeyVerifyCode": "string"
}
```

Parameters

| Name | In | Type | Required | Description |
|------------|--------|-------------|----------|--------------------|
| clientType | header | string | true | Client Device Type |
| x-gray-env | header | string | false | env flag |
| x-trace-id | header | string | false | x-trace-id |
| x-user-id | header | string | false | user id |
| body | body | AdUpdateReq | true | adsUpdateReq |

Example responses

200 Response

Responses

| Status | Meaning | Description | Schema |
|--------|--------------|--------------|--------------------|
| 200 | OK | OK | CommonRet_boolean_ |
| 201 | Created | Created | None |
| 401 | Unauthorized | Unauthorized | None |
| 403 | Forbidden | Forbidden | None |
| 404 | Not Found | Not Found | None |

This operation does not require authentication

8. Update Ads Status

POST /sapi/v1/c2c/ads/updateStatus

Poster

Body parameter

```
{
  "advNos": [
    "string"
  ],
  "advStatus": 0
}
```

Parameters

| Name | In | Type | Required | Description |
|------------|--------|--|----------|--------------------|
| clientType | header | string | true | Client Device Type |
| x-gray-env | header | string | false | env flag |
| x-trace-id | header | string | false | x-trace-id |
| x-user-id | header | string | false | user id |
| body | body | Request_parameters_for_Ads_Status_Batch_Update | true | adsUpdateStatusReq |

Example responses

200 Response

Responses

| Status | Meaning | Description | Schema |
|--------|--------------|--------------|---|
| 200 | OK | OK | CommonRet_AdUpdateStatusResp_ |
| 201 | Created | Created | None |
| 401 | Unauthorized | Unauthorized | None |
| 403 | Forbidden | Forbidden | None |
| 404 | Not Found | Not Found | None |

This operation does not require authentication

c2c-digital-currency-controller

Digital Currency Controller

9. Query Digital Currency List

POST /sapi/v1/c2c/digitalCurrency/list

Poster

Parameters

| Name | In | Type | Required | Description |
|------------|--------|--------|----------|--------------------|
| clientType | header | string | true | Client Device Type |
| x-gray-env | header | string | false | env flag |
| x-trace-id | header | string | false | x-trace-id |
| x-user-id | header | string | false | user id |

Example responses

200 Response

Responses

| Status | Meaning | Description | Schema |
|--------|--------------|--------------|---------------------------------|
| 200 | OK | OK | CommonRet_List_ |
| 201 | Created | Created | None |
| 401 | Unauthorized | Unauthorized | None |
| 403 | Forbidden | Forbidden | None |
| 404 | Not Found | Not Found | None |

This operation does not require authentication

c2c-fiat-currency-controller

Fiat Currency Controller

10. Query Fiat Currency List

POST /sapi/v1/c2c/fiatCurrency/list

Poster

Parameters

| Name | In | Type | Required | Description |
|------------|--------|--------|----------|--------------------|
| clientType | header | string | true | Client Device Type |
| x-gray-env | header | string | false | env flag |
| x-trace-id | header | string | false | x-trace-id |
| x-user-id | header | string | false | user id |

Example responses

200 Response

Responses

| Status | Meaning | Description | Schema |
|--------|--------------|--------------|---------------------------------|
| 200 | OK | OK | CommonRet_List_ |
| 201 | Created | Created | None |
| 401 | Unauthorized | Unauthorized | None |
| 403 | Forbidden | Forbidden | None |
| 404 | Not Found | Not Found | None |

This operation does not require authentication

c2c-merchant-controller

Merchant Controller

11. Merchant close business

POST /sapi/v1/c2c/merchant/closeBusiness

Parameters

| Name | In | Type | Required | Description |
|------------|--------|--------|----------|--------------------|
| clientType | header | string | true | Client Device Type |
| x-gray-env | header | string | false | env flag |
| x-trace-id | header | string | false | x-trace-id |
| x-user-id | header | string | false | user id |

Example responses

200 Response

Responses

| Status | Meaning | Description | Schema |
|--------|--------------|--------------|------------------------------------|
| 200 | OK | OK | CommonRet_boolean_ |
| 201 | Created | Created | None |
| 401 | Unauthorized | Unauthorized | None |
| 403 | Forbidden | Forbidden | None |
| 404 | Not Found | Not Found | None |

This operation does not require authentication

12. Merchant End Rest

POST /sapi/v1/c2c/merchant/endRest

Parameters

| Name | In | Type | Required | Description |
|------------|--------|--------|----------|--------------------|
| clientType | header | string | true | Client Device Type |

| Name | In | Type | Required | Description |
|------------|--------|--------|----------|-------------|
| x-gray-env | header | string | false | env flag |
| x-trace-id | header | string | false | x-trace-id |
| x-user-id | header | string | false | user id |

Example responses

200 Response

Responses

| Status | Meaning | Description | Schema |
|--------|--------------|--------------|------------------------------------|
| 200 | OK | OK | CommonRet_boolean_ |
| 201 | Created | Created | None |
| 401 | Unauthorized | Unauthorized | None |
| 403 | Forbidden | Forbidden | None |
| 404 | Not Found | Not Found | None |

This operation does not require authentication

13. Get Ad Details By Merchant Number

GET /sapi/v1/c2c/merchant/getAdDetails

Parameters

| Name | In | Type | Required | Description |
|------------|--------|--------|----------|--------------------|
| clientType | header | string | true | Client Device Type |
| merchantNo | query | string | false | merchantNo |
| x-gray-env | header | string | false | env flag |
| x-trace-id | header | string | false | x-trace-id |
| x-user-id | header | string | false | user id |

Example responses

200 Response

Responses

| Status | Meaning | Description | Schema |
|--------|--------------|--------------|--|
| 200 | OK | OK | CommonRet_MerchantAdsDetailResp_ |
| 401 | Unauthorized | Unauthorized | None |
| 403 | Forbidden | Forbidden | None |
| 404 | Not Found | Not Found | None |

This operation does not require authentication

14. Set Merchant Offline

POST /sapi/v1/c2c/merchant/getOffline

Parameters

| Name | In | Type | Required | Description |
|------------|--------|--------|----------|--------------------|
| clientType | header | string | true | Client Device Type |
| x-gray-env | header | string | false | env flag |
| x-trace-id | header | string | false | x-trace-id |
| x-user-id | header | string | false | user id |

Example responses

200 Response

Responses

| Status | Meaning | Description | Schema |
|--------|--------------|--------------|---------------------------------|
| 200 | OK | OK | CommonRet_Void_ |
| 201 | Created | Created | None |
| 401 | Unauthorized | Unauthorized | None |
| 403 | Forbidden | Forbidden | None |
| 404 | Not Found | Not Found | None |

This operation does not require authentication

15. Set Merchant Online

POST /sapi/v1/c2c/merchant/getOnline

Parameters

| Name | In | Type | Required | Description |
|------------|--------|--------|----------|--------------------|
| clientType | header | string | true | Client Device Type |
| x-gray-env | header | string | false | env flag |
| x-trace-id | header | string | false | x-trace-id |
| x-user-id | header | string | false | user id |

Example responses

200 Response

Responses

| Status | Meaning | Description | Schema |
|--------|--------------|--------------|---------------------------------|
| 200 | OK | OK | CommonRet_Void_ |
| 201 | Created | Created | None |
| 401 | Unauthorized | Unauthorized | None |
| 403 | Forbidden | Forbidden | None |
| 404 | Not Found | Not Found | None |

This operation does not require authentication

16. Merchant start business

POST /sapi/v1/c2c/merchant/startBusiness

Parameters

| Name | In | Type | Required | Description |
|------------|--------|--------|----------|--------------------|
| clientType | header | string | true | Client Device Type |
| x-gray-env | header | string | false | env flag |
| x-trace-id | header | string | false | x-trace-id |
| x-user-id | header | string | false | user id |

Example responses

200 Response

Responses

| Status | Meaning | Description | Schema |
|--------|--------------|--------------|------------------------------------|
| 200 | OK | OK | CommonRet_boolean_ |
| 201 | Created | Created | None |
| 401 | Unauthorized | Unauthorized | None |
| 403 | Forbidden | Forbidden | None |
| 404 | Not Found | Not Found | None |

This operation does not require authentication

17. Merchant Start Rest

POST /sapi/v1/c2c/merchant/startRest

Parameters

| Name | In | Type | Required | Description |
|------------|--------|--------|----------|--------------------|
| clientType | header | string | true | Client Device Type |
| x-gray-env | header | string | false | env flag |
| x-trace-id | header | string | false | x-trace-id |
| x-user-id | header | string | false | user id |

Example responses

200 Response

Responses

| Status | Meaning | Description | Schema |
|--------|--------------|--------------|---|
| 200 | OK | OK | CommonRet_Merchant_Start_Rest_Response_ |
| 201 | Created | Created | None |
| 401 | Unauthorized | Unauthorized | None |
| 403 | Forbidden | Forbidden | None |
| 404 | Not Found | Not Found | None |

This operation does not require authentication

c2c-order-match-controller

Order Match Controller

18. Cancel Order

POST /sapi/v1/c2c/orderMatch/cancelOrder

Body parameter

```
{
  "orderCancelAdditionalInfo": "string",
  "orderCancelReasonCode": 0,
  "orderNumber": "string"
}
```

Parameters

| Name | In | Type | Required | Description |
|------------|--------|------------------------------------|----------|--------------------|
| clientType | header | string | true | Client Device Type |
| x-gray-env | header | string | false | env flag |
| x-trace-id | header | string | false | x-trace-id |
| x-user-id | header | string | false | user id |
| body | body | C2C_CancelOrderReq | true | req |

Example responses

200 Response

Responses

| Status | Meaning | Description | Schema |
|--------|--------------|--------------|---------------------------------|
| 200 | OK | OK | CommonRet_Void_ |
| 201 | Created | Created | None |
| 401 | Unauthorized | Unauthorized | None |
| 403 | Forbidden | Forbidden | None |

| Status | Meaning | Description | Schema |
|--------|-----------|-------------|--------|
| 404 | Not Found | Not Found | None |

This operation does not require authentication

19. Check If Allowed Cancel Order

POST /sapi/v1/c2c/orderMatch/checkIfAllowedCancelOrder

Retrieve

Body parameter

```
{
  "orderNumber": "string"
}
```

Parameters

| Name | In | Type | Required | Description |
|------------|--------|------------|----------|--------------------|
| clientType | header | string | true | Client Device Type |
| x-gray-env | header | string | false | env flag |
| x-trace-id | header | string | false | x-trace-id |
| x-user-id | header | string | false | user id |
| body | body | OrderNoReq | true | req |

Example responses

200 Response

Responses

| Status | Meaning | Description | Schema |
|--------|--------------|--------------|--------------------|
| 200 | OK | OK | CommonRet_boolean_ |
| 201 | Created | Created | None |
| 401 | Unauthorized | Unauthorized | None |
| 403 | Forbidden | Forbidden | None |
| 404 | Not Found | Not Found | None |

This operation does not require authentication

20. Check If Can Place Order

POST /sapi/v1/c2c/orderMatch/checkIfCanPlaceOrder

Retrieve

Body parameter

```
{
  "adOrderNo": "string"
}
```

Parameters

| Name | In | Type | Required | Description |
|------------|--------|--------------|----------|--------------------|
| clientType | header | string | true | Client Device Type |
| x-gray-env | header | string | false | env flag |
| x-trace-id | header | string | false | x-trace-id |
| x-user-id | header | string | false | user id |
| body | body | AdOrderNoReq | true | adOrderNoReq |

Example responses

200 Response

Responses

| Status | Meaning | Description | Schema |
|--------|--------------|--------------|--------------------|
| 200 | OK | OK | CommonRet_boolean_ |
| 201 | Created | Created | None |
| 401 | Unauthorized | Unauthorized | None |
| 403 | Forbidden | Forbidden | None |
| 404 | Not Found | Not Found | None |

This operation does not require authentication

21. Check If Can release Digital Asset

POST /sapi/v1/c2c/orderMatch/checkIfCanReleaseCoin

Body parameter

```
{
  "authType": "FID02",
  "code": "string",
  "confirmPaidType": "string",
  "emailVerifyCode": "string",
  "googleVerifyCode": "string",
  "mobileVerifyCode": "string",
  "orderNumber": "string",
  "payId": 0,
  "yubikeyVerifyCode": "string"
}
```

Parameters

| Name | In | Type | Required | Description |
|------------|--------|---------------------|----------|---------------------|
| clientType | header | string | true | Client Device Type |
| x-gray-env | header | string | false | env flag |
| x-trace-id | header | string | false | x-trace-id |
| x-user-id | header | string | false | user id |
| body | body | ConfirmOrderPaidReq | true | confirmOrderPaidReq |

Example responses

200 Response

Responses

| Status | Meaning | Description | Schema |
|--------|--------------|--------------|--------------------|
| 200 | OK | OK | CommonRet_boolean_ |
| 201 | Created | Created | None |
| 401 | Unauthorized | Unauthorized | None |
| 403 | Forbidden | Forbidden | None |
| 404 | Not Found | Not Found | None |

This operation does not require authentication

22. Get User Order Detail

POST /sapi/v1/c2c/orderMatch/getUserOrderDetail

If the query time compared to order created time <= 90days and the order status = completed, payment method name and details will be returned. If the query time compared to order created time > 90days OR the order status = cancel (including buyer cancel and system cancel), only payment method name will be returned, payment details will be hidden.

Body parameter

```
{
  "adOrderNo": "string"
}
```

Parameters

| Name | In | Type | Required | Description |
|------------|--------|--------------|----------|--------------------|
| clientType | header | string | true | Client Device Type |
| x-gray-env | header | string | false | env flag |
| x-trace-id | header | string | false | x-trace-id |
| x-user-id | header | string | false | user id |
| body | body | AdOrderNoReq | true | adsOrderNoReq |

Example responses

200 Response

Responses

| Status | Meaning | Description | Schema |
|--------|--------------|--------------|---------------------------|
| 200 | OK | OK | CommonRet_OrderMatchResp_ |
| 201 | Created | Created | None |
| 401 | Unauthorized | Unauthorized | None |
| 403 | Forbidden | Forbidden | None |
| 404 | Not Found | Not Found | None |

This operation does not require authentication

23. Get User Orders Statistic

GET /sapi/v1/c2c/orderMatch/getUserOrderSummary

Parameters

| Name | In | Type | Required | Description |
|------------|--------|--------|----------|--------------------|
| clientType | header | string | true | Client Device Type |
| x-gray-env | header | string | false | env flag |
| x-trace-id | header | string | false | x-trace-id |
| x-user-id | header | string | false | user id |

Example responses

200 Response

Responses

| Status | Meaning | Description | Schema |
|--------|--------------|--------------|--------------------------------|
| 200 | OK | OK | CommonRet_OrderMatchStatsResp_ |
| 401 | Unauthorized | Unauthorized | None |
| 403 | Forbidden | Forbidden | None |
| 404 | Not Found | Not Found | None |

This operation does not require authentication

24. Retrieve User Order List With Pagination

POST /sapi/v1/c2c/orderMatch/listOrders

Body parameter

```
{
  "advNo": "string",
  "asset": "string",
  "endDate": 0,
```

```
"order": "string",
"orderStatus": 0,
"orderStatusList": [
  0
],
"page": 0,
"payType": 0,
"rows": 0,
"sort": "string",
"startDate": 0,
"tradeType": "string"
}
```

Parameters

| Name | In | Type | Required | Description |
|------------|--------|------------------|----------|--------------------|
| clientType | header | string | true | Client Device Type |
| x-gray-env | header | string | false | env flag |
| x-trace-id | header | string | false | x-trace-id |
| x-user-id | header | string | false | user id |
| body | body | UserOrderListReq | true | request |

Example responses

200 Response

Responses

| Status | Meaning | Description | Schema |
|--------|--------------|--------------|-----------------------------------|
| 200 | OK | OK | CommonPageRet_OrderMatchListResp_ |
| 201 | Created | Created | None |
| 401 | Unauthorized | Unauthorized | None |
| 403 | Forbidden | Forbidden | None |
| 404 | Not Found | Not Found | None |

This operation does not require authentication

25. Retrieve User Order History With Pagination.

GET /sapi/v1/c2c/orderMatch/listUserOrderHistory

Parameters

| Name | In | Type | Required | Description |
|----------------|--------|----------------|----------|----------------|
| endTimeStamp | query | integer(int64) | false | endTimeStamp |
| page | query | integer(int32) | false | page |
| rows | query | integer(int32) | false | rows |
| startTimeStamp | query | integer(int64) | false | startTimeStamp |
| tradeType | query | string | false | tradeType |
| x-gray-env | header | string | false | env flag |
| x-trace-id | header | string | false | x-trace-id |
| x-user-id | header | string | false | user id |

Example responses

200 Response

Responses

| Status | Meaning | Description | Schema |
|--------|--------------|--------------|-----------------------------------|
| 200 | OK | OK | CommonPageRet_User_Order_History_ |
| 401 | Unauthorized | Unauthorized | None |
| 403 | Forbidden | Forbidden | None |

| Status | Meaning | Description | Schema |
|--------|-----------|-------------|--------|
| 404 | Not Found | Not Found | None |

This operation does not require authentication

26. Mark Order as Paid

POST /sapi/v1/c2c/orderMatch/markOrderAsPaid

Body parameter

```
{
  "orderNumber": "string",
  "payId": 0
}
```

Parameters

| Name | In | Type | Required | Description |
|------------|--------|--------------------|----------|--------------------|
| clientType | header | string | true | Client Device Type |
| x-gray-env | header | string | false | env flag |
| x-trace-id | header | string | false | x-trace-id |
| x-user-id | header | string | false | user id |
| body | body | MarkOrderAsPaidReq | true | markOrderAsPaidReq |

Example responses

200 Response

Responses

| Status | Meaning | Description | Schema |
|--------|--------------|--------------|--------------------------------|
| 200 | OK | OK | CommonRet_MarkOrderAsPaidResp_ |
| 201 | Created | Created | None |
| 401 | Unauthorized | Unauthorized | None |
| 403 | Forbidden | Forbidden | None |
| 404 | Not Found | Not Found | None |

This operation does not require authentication

27. Place An Order

POST /sapi/v1/c2c/orderMatch/placeOrder

Body parameter

```
{
  "advOrderNumber": "string",
  "asset": "string",
  "buyType": "BY_AMOUNT",
  "fiatUnit": "string",
  "matchPrice": 0,
  "origin": "string",
  "payId": 0,
  "payType": "string",
  "totalAmount": 0,
  "tradeType": "BUY"
}
```

Parameters

| Name | In | Type | Required | Description |
|------------|--------|--------|----------|--------------------|
| clientType | header | string | true | Client Device Type |
| x-gray-env | header | string | false | env flag |
| x-trace-id | header | string | false | x-trace-id |

| Name | In | Type | Required | Description |
|-----------|--------|--------------|----------|--------------|
| x-user-id | header | string | false | user id |
| body | body | MakeOrderReq | true | makeOrderReq |

- Example responses
- 200 Response

Responses

| Status | Meaning | Description | Schema |
|--------|--------------|--------------|--------------------------|
| 200 | OK | OK | CommonRet_MakeOrderResp_ |
| 201 | Created | Created | None |
| 401 | Unauthorized | Unauthorized | None |
| 403 | Forbidden | Forbidden | None |
| 404 | Not Found | Not Found | None |

This operation does not require authentication

28. Query Counter Party Order Statistic

POST /sapi/v1/c2c/orderMatch/queryCounterPartyOrderStatistic

queryCounterPartyOrderStatistic

- Body parameter

```
{
  "orderNumber": "string"
}
```

Parameters

| Name | In | Type | Required | Description |
|------------|--------|------------|----------|--------------------|
| clientType | header | string | true | Client Device Type |
| x-gray-env | header | string | false | env flag |
| x-trace-id | header | string | false | x-trace-id |
| x-user-id | header | string | false | user id |
| body | body | OrderNoReq | true | orderNoReq |

- Example responses
- 200 Response

Responses

| Status | Meaning | Description | Schema |
|--------|--------------|--------------|--------------------------------------|
| 200 | OK | OK | CommonRet_UserOrderHistoryStatsResp_ |
| 201 | Created | Created | None |
| 401 | Unauthorized | Unauthorized | None |
| 403 | Forbidden | Forbidden | None |
| 404 | Not Found | Not Found | None |

This operation does not require authentication

29. Release Digital Asset

POST /sapi/v1/c2c/orderMatch/releaseCoin

- Body parameter

```
{
  "authType": "FID02",
  "code": "string",
  "confirmPaidType": "string",

```

```
"emailVerifyCode": "string",
"googleVerifyCode": "string",
"mobileVerifyCode": "string",
"orderNumber": "string",
"payId": 0,
"yubikeyVerifyCode": "string"
}
```

Parameters

| Name | In | Type | Required | Description |
|------------|--------|---------------------|----------|---------------------|
| clientType | header | string | true | Client Device Type |
| x-gray-env | header | string | false | env flag |
| x-trace-id | header | string | false | x-trace-id |
| x-user-id | header | string | false | user id |
| body | body | ConfirmOrderPaidReq | true | confirmOrderPaidReq |

Example responses

200 Response

Responses

| Status | Meaning | Description | Schema |
|--------|--------------|--------------|-----------------|
| 200 | OK | OK | CommonRet_Void_ |
| 201 | Created | Created | None |
| 401 | Unauthorized | Unauthorized | None |
| 403 | Forbidden | Forbidden | None |
| 404 | Not Found | Not Found | None |

This operation does not require authentication

30. Verified additional kyc

POST /sapi/v1/c2c/orderMatch/verifiedAdditionalKyc

verifiedAdditionalKyc

Body parameter

```
{
  "orderNumber": "string"
}
```

Parameters

| Name | In | Type | Required | Description |
|------------|--------|------------|----------|--------------------|
| clientType | header | string | true | Client Device Type |
| x-gray-env | header | string | false | env flag |
| x-trace-id | header | string | false | x-trace-id |
| x-user-id | header | string | false | user id |
| body | body | OrderNoReq | true | arg |

Example responses

200 Response

Responses

| Status | Meaning | Description | Schema |
|--------|--------------|--------------|---|
| 200 | OK | OK | CommonRet_OrderAdditionalKycVerifyResp_ |
| 201 | Created | Created | None |
| 401 | Unauthorized | Unauthorized | None |

| Status | Meaning | Description | Schema |
|--------|-----------|-------------|--------|
| 403 | Forbidden | Forbidden | None |
| 404 | Not Found | Not Found | None |

This operation does not require authentication

c2c-payment-method-controller

Payment Method Controller

31. Get Payment Method by ID

GET /sapi/v1/c2c/paymentMethod/getPayMethodById

Parameters

| Name | In | Type | Required | Description |
|------------|--------|----------------|----------|--------------------|
| clientType | header | string | true | Client Device Type |
| id | query | integer(int64) | true | id |
| x-gray-env | header | string | false | env flag |
| x-trace-id | header | string | false | x-trace-id |
| x-user-id | header | string | false | user id |

Example responses

200 Response

Responses

| Status | Meaning | Description | Schema |
|--------|--------------|--------------|--------------------------|
| 200 | OK | OK | CommonRet_PayMethodResp_ |
| 401 | Unauthorized | Unauthorized | None |
| 403 | Forbidden | Forbidden | None |
| 404 | Not Found | Not Found | None |

This operation does not require authentication

32. Get Payment Method by UserId

GET /sapi/v1/c2c/paymentMethod/getPayMethodByUserId

Parameters

| Name | In | Type | Required | Description |
|------------|--------|--------|----------|--------------------|
| clientType | header | string | true | Client Device Type |
| x-gray-env | header | string | false | env flag |
| x-trace-id | header | string | false | x-trace-id |
| x-user-id | header | string | false | user id |

Example responses

200 Response

Responses

| Status | Meaning | Description | Schema |
|--------|--------------|--------------|-------------------------------|
| 200 | OK | OK | CommonRet_List_PayMethodResp_ |
| 401 | Unauthorized | Unauthorized | None |
| 403 | Forbidden | Forbidden | None |
| 404 | Not Found | Not Found | None |

This operation does not require authentication

33. List All Of Valid Payment Methods

POST /sapi/v1/c2c/paymentMethod/listAll

Payment Method List

Parameters

| Name | In | Type | Required | Description |
|------------|--------|--------|----------|--------------------|
| clientType | header | string | true | Client Device Type |
| x-gray-env | header | string | false | env flag |
| x-trace-id | header | string | false | x-trace-id |
| x-user-id | header | string | false | user id |

Example responses

200 Response

Responses

| Status | Meaning | Description | Schema |
|--------|--------------|--------------|--------------------------------|
| 200 | OK | OK | CommonPageRet_ |
| 201 | Created | Created | None |
| 401 | Unauthorized | Unauthorized | None |
| 403 | Forbidden | Forbidden | None |
| 404 | Not Found | Not Found | None |

This operation does not require authentication

c2c-user-controller

C 2 C User Controller

34. Get User Detail

POST /sapi/v1/c2c/user/baseDetail

Parameters

| Name | In | Type | Required | Description |
|------------|--------|--------|----------|--------------------|
| clientType | header | string | true | Client Device Type |
| x-gray-env | header | string | false | env flag |
| x-trace-id | header | string | false | x-trace-id |
| x-user-id | header | string | false | user id |

Example responses

200 Response

Responses

| Status | Meaning | Description | Schema |
|--------|--------------|--------------|---|
| 200 | OK | OK | CommonRet_FiatUserDetailResp_ |
| 201 | Created | Created | None |
| 401 | Unauthorized | Unauthorized | None |
| 403 | Forbidden | Forbidden | None |
| 404 | Not Found | Not Found | None |

This operation does not require authentication

c2c_chat_controller

C 2 C Chat Controller

35. Get Risk Warning Tips

POST /sapi/v1/c2c/chat/getRiskWarningTips

Body parameter

```
{
  "fiat": "string",
  "orderNo": "string",
  "scene": "string"
}
```

Parameters

| Name | In | Type | Required | Description |
|------------|--------|------------------------------------|----------|--------------------|
| clientType | header | string | true | Client Device Type |
| x-gray-env | header | string | false | env flag |
| x-trace-id | header | string | false | x-trace-id |
| x-user-id | header | string | false | user id |
| body | body | RiskWarningTipsReq | true | riskWarningTipsReq |

Example responses

200 Response

Responses

| Status | Meaning | Description | Schema |
|--------|------------------------------|--------------|--|
| 200 | OK | OK | CommonRet_RiskWarningTipsResp_ |
| 201 | Created | Created | None |
| 401 | Unauthorized | Unauthorized | None |
| 403 | Forbidden | Forbidden | None |
| 404 | Not Found | Not Found | None |

This operation does not require authentication

36. Get chat image pre signed url

POST /sapi/v1/c2c/chat/image/pre-signed-url

Body parameter

```
{
  "imageName": "string"
}
```

Parameters

| Name | In | Type | Required | Description |
|------------|--------|--|----------|--------------------|
| clientType | header | string | true | Client Device Type |
| x-gray-env | header | string | false | env flag |
| x-trace-id | header | string | false | x-trace-id |
| x-user-id | header | string | false | user id |
| body | body | FetchImageUploadUrlArg | true | arg |

Example responses

200 Response

Responses

| Status | Meaning | Description | Schema |
|--------|-------------------------|-------------|---|
| 200 | OK | OK | CommonRet_FetchImageUploadUrlRet_ |
| 201 | Created | Created | None |

| Status | Meaning | Description | Schema |
|--------|--------------|--------------|--------|
| 401 | Unauthorized | Unauthorized | None |
| 403 | Forbidden | Forbidden | None |
| 404 | Not Found | Not Found | None |

This operation does not require authentication

37. Mark Messages As Read By User and Order

POST /sapi/v1/c2c/chat/markOrderMessagesAsRead

Body parameter

```
{
  "orderNo": "string",
  "userId": 0
}
```

Parameters

| Name | In | Type | Required | Description |
|------------|--------|---------------------------|----------|---------------------------|
| clientType | header | string | true | Client Device Type |
| x-gray-env | header | string | false | env flag |
| x-trace-id | header | string | false | x-trace-id |
| x-user-id | header | string | false | user id |
| body | body | MarkOrderMessageAsReadReq | true | markOrderMessageAsReadReq |

Example responses

200 Response

Responses

| Status | Meaning | Description | Schema |
|--------|--------------|--------------|-----------------|
| 200 | OK | OK | CommonRet_Void_ |
| 201 | Created | Created | None |
| 401 | Unauthorized | Unauthorized | None |
| 403 | Forbidden | Forbidden | None |
| 404 | Not Found | Not Found | None |

This operation does not require authentication

38. Mark Messages As Read By User

POST /sapi/v1/c2c/chat/markUserMessagesAsRead

Parameters

| Name | In | Type | Required | Description |
|------------|--------|--------|----------|--------------------|
| clientType | header | string | true | Client Device Type |
| x-gray-env | header | string | false | env flag |
| x-trace-id | header | string | false | x-trace-id |
| x-user-id | header | string | false | user id |

Example responses

200 Response

Responses

| Status | Meaning | Description | Schema |
|--------|---------|-------------|-----------------|
| 200 | OK | OK | CommonRet_Void_ |
| 201 | Created | Created | None |

| Status | Meaning | Description | Schema |
|--------|--------------|--------------|--------|
| 401 | Unauthorized | Unauthorized | None |
| 403 | Forbidden | Forbidden | None |
| 404 | Not Found | Not Found | None |

This operation does not require authentication

39. Retrieve Chat WSS URL, Listen Key and Token

GET /sapi/v1/c2c/chat/retrieveChatCredential

Parameters

| Name | In | Type | Required | Description |
|------------|--------|--------|----------|--------------------|
| clientType | header | string | true | Client Device Type |
| x-gray-env | header | string | false | env flag |
| x-trace-id | header | string | false | x-trace-id |
| x-user-id | header | string | false | user id |

Example responses

200 Response

Responses

| Status | Meaning | Description | Schema |
|--------|--------------|--------------|-------------------------------|
| 200 | OK | OK | CommonRet_ChatCredentialResp_ |
| 401 | Unauthorized | Unauthorized | None |
| 403 | Forbidden | Forbidden | None |
| 404 | Not Found | Not Found | None |

This operation does not require authentication

40. Retrieve Chat Messages with Pagination

GET /sapi/v1/c2c/chat/retrieveChatMessagesWithPagination

Parameters

| Name | In | Type | Required | Description |
|-----------------|--------|----------------|----------|--|
| chatMessageType | query | string | false | chat message type: text/image etc |
| clientType | header | string | true | Client Device Type |
| id | query | integer(int64) | false | Query message ID, optional. It will be used as one of the query conditions, the queried message ID < the provided ID |
| order | query | string | false | Page order by |
| orderNo | query | string | false | Order number |
| page | query | integer(int32) | true | Page number to query. Start = 1 |
| rows | query | integer(int32) | true | Rows to query per page. Suggested = 20 |
| sort | query | string | false | Page sorting by (asc, desc) |
| x-gray-env | header | string | false | env flag |
| x-trace-id | header | string | false | x-trace-id |
| x-user-id | header | string | false | user id |

Example responses

200 Response

Responses

| Status | Meaning | Description | Schema |
|--------|--------------|--------------|---|
| 200 | OK | OK | CommonPageRet_RetrieveChatMessagesWithPaginationResp_ |
| 401 | Unauthorized | Unauthorized | None |

| Status | Meaning | Description | Schema |
|--------|-----------|-------------|--------|
| 403 | Forbidden | Forbidden | None |
| 404 | Not Found | Not Found | None |

This operation does not require authentication

c2c_commission_rate_controller

Commission Rate Controller

41. Get commission overview

POST /sapi/v1/c2c/commission-rate/overview

Body parameter

```
{
  "fiat": "string"
}
```

Parameters

| Name | In | Type | Required | Description |
|------------|--------|-----------------|----------|--------------------|
| clientType | header | string | true | Client Device Type |
| x-gray-env | header | string | false | env flag |
| x-trace-id | header | string | false | x-trace-id |
| x-user-id | header | string | false | user id |
| body | body | commission_rate | true | arg |

Example responses

200 Response

Responses

| Status | Meaning | Description | Schema |
|--------|--------------|--------------|-------------------------------------|
| 200 | OK | OK | CommonRet_commission_rate_overview_ |
| 201 | Created | Created | None |
| 401 | Unauthorized | Unauthorized | None |
| 403 | Forbidden | Forbidden | None |
| 404 | Not Found | Not Found | None |

This operation does not require authentication

42. Get taker commission rate

POST /sapi/v1/c2c/commission-rate/taker

Body parameter

```
{
  "area": "string",
  "asset": "string",
  "classify": "string",
  "fiat": "string",
  "tradeMethodIdentifier": [
    "string"
  ],
  "tradeType": "string"
}
```

Parameters

| Name | In | Type | Required | Description |
|------------|--------|--------|----------|--------------------|
| clientType | header | string | true | Client Device Type |

| Name | In | Type | Required | Description |
|------------|--------|------------------------|----------|-------------|
| x-gray-env | header | string | false | env flag |
| x-trace-id | header | string | false | x-trace-id |
| x-user-id | header | string | false | user id |
| body | body | taker_commission_rate0 | true | arg |

Example responses

200 Response

Responses

| Status | Meaning | Description | Schema |
|--------|--------------|--------------|---------------------------------------|
| 200 | OK | OK | CommonRet_List_taker_commission_rate_ |
| 201 | Created | Created | None |
| 401 | Unauthorized | Unauthorized | None |
| 403 | Forbidden | Forbidden | None |
| 404 | Not Found | Not Found | None |

This operation does not require authentication

Schemas

AccountDetail

```
{
  "baseAsset": {
    "userId": 0,
    "value": 0
  },
  "enabled": true,
  "indexPrice": 0,
  "isolatedCreated": true,
  "liquidatePrice": 0,
  "liquidateRate": 0,
  "marginLevel": 0,
  "marginLevelStatus": "string",
  "marginRatio": 0,
  "quoteAsset": {
    "userId": 0,
    "value": 0
  },
  "symbol": "string",
  "tradeEnabled": true
}
```

AccountDetail

42.1. Properties

| Name | Type | Required | Restrictions | Description |
|-------------------|-----------|----------|--------------|-------------|
| baseAsset | UserAsset | false | none | none |
| enabled | boolean | false | none | none |
| indexPrice | number | false | none | none |
| isolatedCreated | boolean | false | none | none |
| liquidatePrice | number | false | none | none |
| liquidateRate | number | false | none | none |
| marginLevel | number | false | none | none |
| marginLevelStatus | string | false | none | none |
| marginRatio | number | false | none | none |
| quoteAsset | UserAsset | false | none | none |

| Name | Type | Required | Restrictions | Description |
|--------------|---------|----------|--------------|-------------|
| symbol | string | false | none | none |
| tradeEnabled | boolean | false | none | none |

AccountDetailResp

```
{
  "accountType": "string",
  "borrowEnabled": true,
  "collateralMarginLevel": 0,
  "marginLevel": 0,
  "totalAssetOfBtc": 0,
  "totalCollateralValueInUSDT": 0,
  "totalLiabilityOfBtc": 0,
  "totalNetAssetOfBtc": 0,
  "tradeEnabled": true,
  "transferEnabled": true,
  "userAssets": [
    {
      "userId": 0,
      "value": 0
    }
  ]
}
```

AccountDetailResp

42.2. Properties

| Name | Type | Required | Restrictions | Description |
|----------------------------|-------------|----------|--------------|-------------|
| accountType | string | false | none | none |
| borrowEnabled | boolean | false | none | none |
| collateralMarginLevel | number | false | none | none |
| marginLevel | number | false | none | none |
| totalAssetOfBtc | number | false | none | none |
| totalCollateralValueInUSDT | number | false | none | none |
| totalLiabilityOfBtc | number | false | none | none |
| totalNetAssetOfBtc | number | false | none | none |
| tradeEnabled | boolean | false | none | none |
| transferEnabled | boolean | false | none | none |
| userAssets | [UserAsset] | false | none | none |

AccountIndicateResponse

```
{
  "accountEquity": 0,
  "accountInitialMargin": 0,
  "accountMaintMargin": 0,
  "accountStatus": "string",
  "accountType": "string",
  "actualEquity": 0,
  "totalAvailableBalance": 0,
  "uniMMR": 0
}
```

AccountIndicateResponse

42.3. Properties

| Name | Type | Required | Restrictions | Description |
|---------------|--------|----------|--------------|-------------|
| accountEquity | number | false | none | none |

| Name | Type | Required | Restrictions | Description |
|-----------------------|--------|----------|--------------|-------------|
| accountInitialMargin | number | false | none | none |
| accountMaintMargin | number | false | none | none |
| accountStatus | string | false | none | none |
| accountType | string | false | none | none |
| actualEquity | number | false | none | none |
| totalAvailableBalance | number | false | none | none |
| uniMMR | number | false | none | none |

AccountResp

```
{
  "totalAmountInBTC": 0,
  "totalAmountInUSDT": 0,
  "totalFlexibleAmountInBTC": 0,
  "totalFlexibleAmountInUSDT": 0,
  "totalLockedInBTC": 0,
  "totalLockedInUSDT": 0
}
```

AccountResp

42.4. Properties

| Name | Type | Required | Restrictions | Description |
|---------------------------|--------|----------|--------------|-------------|
| totalAmountInBTC | number | false | none | none |
| totalAmountInUSDT | number | false | none | none |
| totalFlexibleAmountInBTC | number | false | none | none |
| totalFlexibleAmountInUSDT | number | false | none | none |
| totalLockedInBTC | number | false | none | none |
| totalLockedInUSDT | number | false | none | none |

AccountResponse

```
{
  "cumulativeProfitInBETH": 0,
  "lastDayProfitInBETH": 0
}
```

AccountResponse

42.5. Properties

| Name | Type | Required | Restrictions | Description |
|------------------------|--------|----------|--------------|-------------|
| cumulativeProfitInBETH | number | false | none | none |
| lastDayProfitInBETH | number | false | none | none |

AccountSnapshotResp

```
{
  "code": 0,
  "msg": "string",
  "snapshotVos": [
    {
      "data": {},
      "type": "string",
      "updateTime": 0
    }
  ]
}
```

```
}

```

AccountSnapshotResp

42.6. Properties

| Name | Type | Required | Restrictions | Description |
|-------------|---|----------|--------------|-------------|
| code | integer(int32) | false | none | none |
| msg | string | false | none | none |
| snapshotVos | [AccountSnapshotVo_object_] | false | none | none |

AccountTypeInfoVo

```
{
  "parentUserId": "string",
  "remark": "string",
  "subUser": true,
  "userId": "string",
  "userStatusEx": {}
}
```

AccountTypeInfoVo

42.7. Properties

| Name | Type | Required | Restrictions | Description |
|--------------|---------|----------|--------------|---|
| parentUserId | string | false | none | 该字段为账户类型 0--其他账户类型; 1--账户类型为母账户; 如果是子账户, 该字段设置成母账户uid |
| remark | string | false | none | remark |
| subUser | boolean | false | none | none |
| userId | string | false | none | user id |
| userStatusEx | object | false | none | 状态位 |

AccountV2Response

```
{
  "holdingInETH": 0,
  "holdings": {
    "bethAmount": 0,
    "wbethAmount": 0
  },
  "profit": {
    "amountFromBETH": 0,
    "amountFromWBETH": 0
  },
  "thirtyDaysProfitInETH": 0
}
```

AccountV2Response

42.8. Properties

| Name | Type | Required | Restrictions | Description |
|-----------------------|----------------------------------|----------|--------------|-------------|
| holdingInETH | number | false | none | none |
| holdings | EthHoldingDetail | false | none | none |
| profit | EthProfitDetail | false | none | none |
| thirtyDaysProfitInETH | number | false | none | none |

AdDetailResp

```

{
  "advNo": "string",
  "advStatus": 0,
  "advUpdateTime": "2019-08-24T14:15:22Z",
  "advVisibleRet": {
    "freeAmountVisible": 0,
    "orderFlowVisible": 0,
    "surplusAmountVisible": 0,
    "userSetVisible": 0
  },
  "asset": "string",
  "assetLogo": "string",
  "assetScale": 0,
  "assetVo": {
    "asset": "string",
    "decimalScale": 0,
    "iconUrl": "string",
    "name": "string"
  },
  "autoReplyMsg": "string",
  "buyerBtcPositionLimit": 0,
  "buyerKycLimit": 0,
  "buyerRegDaysLimit": 0,
  "classify": "string",
  "commissionRate": 0,
  "createTime": "2019-08-24T14:15:22Z",
  "currencyRate": 0,
  "dynamicMaxSingleTransAmount": 0,
  "dynamicMaxSingleTransQuantity": 0,
  "fiatScale": 0,
  "fiatSymbol": "string",
  "fiatUnit": "string",
  "fiatVo": {
    "countryCode": "string",
    "currencyCode": "string",
    "currencyScale": 0,
    "currencySymbol": "string",
    "iconUrl": "string",
    "priceScale": 0
  },
  "initAmount": 0,
  "isTradable": true,
  "maxSingleTransAmount": 0,
  "maxSingleTransQuantity": 0,
  "minSingleTransAmount": 0,
  "minSingleTransQuantity": 0,
  "offlineReason": "string",
  "payTimeLimit": 0,
  "price": 0,
  "priceFloatingRatio": 0,
  "priceScale": 0,
  "priceType": 0,
  "rateFloatingRatio": 0,
  "remarks": "string",
  "surplusAmount": 0,
  "takerAdditionalKycRequired": 0,
  "tradableQuantity": 0,
  "tradeMethodCommissionRateVoList": [
    {
      "commissionRate": 0,
      "tradeMethodIdentifier": "string",
      "tradeMethodName": "string"
    }
  ],
  "tradeMethods": [
    {
      "iconUrlColor": "string",
      "identifier": "string",
      "payAccount": "string",
      "payBank": "string",
      "payId": 0,
      "paySubBank": "string",
      "payType": "string",
      "tradeMethodName": "string"
    }
  ],
  "tradeType": "string",
  "userAllTradeCountMax": 0,
  "userAllTradeCountMin": 0,
  "userBuyTradeCountMax": 0,

```

```
"userBuyTradeCountMin": 0,
"userSellTradeCountMax": 0,
"userSellTradeCountMin": 0,
"userTradeCompleteCountMin": 0,
"userTradeCompleteRateFilterTime": 0,
"userTradeCompleteRateMin": 0,
"userTradeCountFilterTime": 0,
"userTradeType": 0,
"userTradeVolumeAsset": "string",
"userTradeVolumeFilterTime": 0,
"userTradeVolumeMax": 0,
"userTradeVolumeMin": 0
}
```

AdDetailResp

42.9. Properties

| Name | Type | Required | Restrictions | Description |
|-------------------------------|--------------------------------|----------|--------------|---|
| advNo | string | false | none | Adv number |
| advStatus | integer(int32) | false | none | Adv status, 1: Online, 3: Offline, 4:Closed |
| advUpdateTime | string(date-time) | false | none | Adv update time |
| advVisibleRet | AdVisibleRetVo | false | none | Advertisement hidden information |
| asset | string | false | none | Adv asset: BTC |
| assetLogo | string | false | none | none |
| assetScale | integer(int32) | false | none | Asset decimal precision |
| assetVo | Asset_detail | false | none | Asset detail |
| autoReplyMsg | string | false | none | Auto reply message |
| buyerBtcPositionLimit | number | false | none | Require buyer minimum BTC asset position |
| buyerKycLimit | integer(int32) | false | none | Require buyer kyc verified. 0: No, 1: Yes |
| buyerRegDaysLimit | integer(int32) | false | none | Require buyer minimum registered day. 0: No, 1: Yes |
| classify | string | false | none | Adv classify. mass |
| commissionRate | number | false | none | Commission rate for the adv |
| createTime | string(date-time) | false | none | Adv create time |
| currencyRate | number | false | none | Currency exchange rate |
| dynamicMaxSingleTransAmount | number | false | none | Dynamic maximum single transaction amount |
| dynamicMaxSingleTransQuantity | number | false | none | Dynamic maximum single transaction quantity |
| fiatScale | integer(int32) | false | none | Fiat decimal precision |
| fiatSymbol | string | false | none | Fiat symbol |
| fiatUnit | string | false | none | Fiat currency: CNY |
| fiatVo | Fiat_detail | false | none | Fiat detail |
| initAmount | number | false | none | Adv amount |
| isTradable | boolean | false | none | If user is able to trade with the advertisement |
| maxSingleTransAmount | number | false | none | Single transaction maximum amount in fiat |
| maxSingleTransQuantity | number | false | none | Maximum single transaction quantity |
| minSingleTransAmount | number | false | none | Single transaction minimum amount in fiat |
| minSingleTransQuantity | number | false | none | Minimum single transaction quantity |
| offlineReason | string | false | none | offline reason code |
| payTimeLimit | integer(int32) | false | none | Maximum time waiting for payment in minute |
| price | number | false | none | Adv price |
| priceFloatingRatio | number | false | none | Floating price ratio of the adv |
| priceScale | integer(int32) | false | none | Asset price decimal precision |

| Name | Type | Required | Restrictions | Description |
|---------------------------------|-------------------------------|----------|--------------|--|
| priceType | integer(int32) | false | none | Adv price type. 1: FIXED, 2: FLOATING |
| rateFloatingRatio | number | false | none | Exchange rate ration of the trading pair |
| remarks | string | false | none | Remark |
| surplusAmount | number | false | none | Adv remaining amount |
| takerAdditionalKycRequired | integer(int32) | false | none | whether taker additional kyc required: 0 not required 1 required |
| tradableQuantity | number | false | none | Tradeable quantity of the adv |
| tradeMethodCommissionRateVoList | [TradeMethodCommissionRateVo] | false | none | Commission rate by payment method |
| tradeMethods | [AdTradeMethodResp] | false | none | List of accepted payment method for the adv |
| tradeType | string | false | none | Adv trade type. 0: BUY, 1: SELL |
| userAllTradeCountMax | integer(int32) | false | none | Require user maximum all trades |
| userAllTradeCountMin | integer(int32) | false | none | Require user minimum all trades |
| userBuyTradeCountMax | integer(int32) | false | none | Require user maximum buy trades |
| userBuyTradeCountMin | integer(int32) | false | none | Require user minimum buy trades |
| userSellTradeCountMax | integer(int32) | false | none | Require user maximum sell trades |
| userSellTradeCountMin | integer(int32) | false | none | Require user minimum sell trades |
| userTradeCompleteCountMin | integer(int32) | false | none | Require user minimum completed trades |
| userTradeCompleteRateFilterTime | integer(int32) | false | none | Filter user completion rate type. 1: Last 30D, 2: All-time |
| userTradeCompleteRateMin | number | false | none | Require user minimum completion rate |
| userTradeCountFilterTime | integer(int32) | false | none | Filter user trade count type. 1: Last 30D, 2: All-time |
| userTradeType | integer(int32) | false | none | User trade volume tradeType. 0: BUY, 1: SELL, 2: ALL |
| userTradeVolumeAsset | string | false | none | User trade volume asset for requirement |
| userTradeVolumeFilterTime | integer(int32) | false | none | Filter user trade volume. 1: Last 30D, 2: All-time |
| userTradeVolumeMax | number | false | none | Require user maximum trade volume |
| userTradeVolumeMin | number | false | none | Require user minimum trade volume |

AdDetailVo

```
{
  "adVisibleRet": {
    "freeAmountVisible": 0,
    "orderFlowVisible": 0,
    "surplusAmountVisible": 0,
    "userSetVisible": 0
  },
  "advNo": "string",
  "asset": "string",
  "assetScale": 0,
  "assetTicketSize": "string",
  "autoReply": "string",
  "buyerBtcAmount": 0,
  "buyerRegisterLimit": 0,
  "currencyTicketSize": "string",
  "dynamicMaxOrderAmount": 0,
  "dynamicMaxOrderPrice": 0,
  "fiatScale": 0,
  "fiatSymbol": "string",
  "fiatUnit": "string",
  "isConformed": true,
  "kycLimit": 0,
  "logo": "string",
  "mainUserId": 0,
  "maxOrderAmount": 0,
  "maxOrderPrice": 0,
  "minOrderAmount": 0,
  "minOrderPrice": 0,
  "offlineReason": "string",
  "payMethodDtos": [
    {
      "iconUrlColor": "string",
```



```
    "id": 0,
    "identifier": "string",
    "payAccount": "string",
    "payBank": "string",
    "payMethodId": "string",
    "paySubBank": "string",
    "payType": "string",
    "tradeMethodBgColor": "string",
    "tradeMethodName": "string",
    "tradeMethodShortName": "string"
  }
],
"payTimeLimit": 0,
"payTypeList": [
  "string"
],
"price": 0,
"priceScale": 0,
"priceTicketSize": "string",
"remark": "string",
"surplusAmount": 0,
"takerAdditionalKycRequired": 0,
"tradeType": "BUY",
"userId": 0
}
```

AdDetailVo

42.10. Properties

| Name | Type | Required | Restrictions | Description |
|-----------------------|--------------------------------|----------|--------------|--|
| adVisibleRet | AdVisibleRetVo | false | none | Advertisement hidden information |
| advNo | string | false | none | Adv number |
| asset | string | false | none | Crypto asset: BTC |
| assetScale | integer(int32) | false | none | Asset currency decimal precision |
| assetTicketSize | string | false | none | Asset currency decimal precision |
| autoReply | string | false | none | Automatic reply message for orders |
| buyerBtcAmount | number | false | none | Equivalent BTC holding of buyer |
| buyerRegisterLimit | integer(int32) | false | none | Limit for buyer registration days, default 60, maximum 180 days |
| currencyTicketSize | string | false | none | Fiat currency decimal precision |
| dynamicMaxOrderAmount | number | false | none | Dynamic maximum transaction quantity |
| dynamicMaxOrderPrice | number | false | none | Dynamic maximum transaction amount |
| fiatScale | integer(int32) | false | none | Fiat currency decimal precision |
| fiatSymbol | string | false | none | Fiat symbol |
| fiatUnit | string | false | none | Fiat currency: CNY |
| isConformed | boolean | false | none | Whether the current logged in user meets the requirements of the advertisement |
| kycLimit | integer(int32) | false | none | KYC user registration limit, complete or not. (0: Not required, 1: Yes) |
| logo | string | false | none | Logo |
| mainUserId | integer(int64) | false | none | Advertisement merchant id |
| maxOrderAmount | number | false | none | Maximum transaction quantity |
| maxOrderPrice | number | false | none | Maximum transaction amount |
| minOrderAmount | number | false | none | Minimum transaction quantity |
| minOrderPrice | number | false | none | Minimum transaction amount |
| offlineReason | string | false | none | offline reason code |
| payMethodDtos | [PayMethodDto] | false | none | List of accepted trading method |
| payTimeLimit | integer(int32) | false | none | Payment time limit, in minutes |
| payTypeList | [string] | false | none | Payment method list, e.g.: BANK, WECHAT. Deprecated, use payMethodDtos |
| price | number | false | none | Price |

| Name | Type | Required | Restrictions | Description |
|----------------------------|----------------|----------|--------------|--|
| priceScale | integer(int32) | false | none | Price decimal precision |
| priceTicketSize | string | false | none | Price decimal precision |
| remark | string | false | none | Remark |
| surplusAmount | number | false | none | Adv remaining amount |
| takerAdditionalKycRequired | integer(int32) | false | none | whether taker additional kyc required: 0 not required 1 required |
| tradeType | string | false | none | Adv trade type. 0: BUY, 1:SELL |
| userId | integer(int64) | false | none | none |

42.10.1. Enumerated Values

| Property | Value |
|-----------|-------|
| tradeType | BUY |
| tradeType | SELL |

AdOrderNoReq

```
{
  "adOrderNo": "string"
}
```

AdOrderNoReq

42.11. Properties

| Name | Type | Required | Restrictions | Description |
|-----------|--------|----------|--------------|--------------|
| adOrderNo | string | false | none | Order number |

AdPublishReq

```
{
  "asset": "string",
  "authType": "FID02",
  "autoReplyMsg": "string",
  "buyerBtcPositionLimit": 0,
  "buyerKycLimit": 0,
  "buyerRegDaysLimit": 0,
  "classify": "string",
  "code": "string",
  "emailVerifyCode": "string",
  "fiatUnit": "string",
  "googleVerifyCode": "string",
  "initAmount": 0,
  "maxSingleTransAmount": 0,
  "minSingleTransAmount": 0,
  "mobileVerifyCode": "string",
  "onlineDelayTime": 0,
  "onlineNow": true,
  "payTimeLimit": 0,
  "price": 0,
  "priceFloatingRatio": 0,
  "priceType": 0,
  "rateFloatingRatio": 0,
  "remarks": "string",
  "saveAsTemplate": 0,
  "takerAdditionalKycRequired": 0,
  "templateName": "string",
  "tradeMethods": [
    {
      "identifier": "string",
      "payId": 0,
      "payType": "string"
    }
  ],
  "tradeType": "string",
  "userAllTradeCountMax": 0,
  "userAllTradeCountMin": 0,
}
```

```
"userBuyTradeCountMax": 0,
"userBuyTradeCountMin": 0,
"userSellTradeCountMax": 0,
"userSellTradeCountMin": 0,
"userTradeCompleteCountMin": 0,
"userTradeCompleteRateFilterTime": 0,
"userTradeCompleteRateMin": 0,
"userTradeCountFilterTime": 0,
"userTradeType": 0,
"userTradeVolumeAsset": "string",
"userTradeVolumeFilterTime": 0,
"userTradeVolumeMax": 0,
"userTradeVolumeMin": 0,
"yubikeyVerifyCode": "string"
}
```

AdPublishReq

42.12. Properties

| Name | Type | Required | Restrictions | Description |
|----------------------------|------------------------------------|----------|--------------|--|
| asset | string | true | none | Crypto asset: BTC |
| authType | string | false | none | Authenticate code type: GOOGLE |
| autoReplyMsg | string | false | none | Auto reply message |
| buyerBtcPositionLimit | number | false | none | Require buyer minimum BTC asset position |
| buyerKycLimit | integer(int32) | true | none | Require buyer kyc verified. 0: No, 1: Yes |
| buyerRegDaysLimit | integer(int32) | false | none | Require buyer minimum registered day. 0: No, 1: Yes |
| classify | string | true | none | Adv classify. mass |
| code | string | false | none | Authenticate Code |
| emailVerifyCode | string | false | none | Email verification code |
| fiatUnit | string | true | none | Fiat currency: CNY |
| googleVerifyCode | string | false | none | Google verification code |
| initAmount | number | true | none | Adv amount |
| maxSingleTransAmount | number | true | none | Single transaction maximum amount in fiat |
| minSingleTransAmount | number | true | none | Single transaction minimum amount in fiat |
| mobileVerifyCode | string | false | none | Mobile verification code |
| onlineDelayTime | integer(int32) | false | none | Adv to be online after some delay |
| onlineNow | boolean | false | none | Adv to be online immediately |
| payTimeLimit | integer(int32) | false | none | Maximum time waiting for payment in minute |
| price | number | false | none | Adv price |
| priceFloatingRatio | number | false | none | Floating price ratio of the adv |
| priceType | integer(int32) | true | none | Adv price type. 1: FIXED, 2: FLOATING |
| rateFloatingRatio | number | false | none | Exchange rate ration of the trading pair |
| remarks | string | false | none | Remark |
| saveAsTemplate | integer(int32) | false | none | Adv as template. 0: No, 1: Yes |
| takerAdditionalKycRequired | integer(int32) | false | none | whether taker additional kyc required: 0 not required 1 required |
| templateName | string | false | none | Template name |
| tradeMethods | [AdsTradeMethodVo] | true | none | List of accepted payment method for the adv |
| tradeType | string | true | none | Adv trade type. 0: BUY, 1: SELL |
| userAllTradeCountMax | integer(int32) | false | none | Require user maximum all trades |
| userAllTradeCountMin | integer(int32) | false | none | Require user minimum all trades |
| userBuyTradeCountMax | integer(int32) | false | none | Require user maximum buy trades |
| userBuyTradeCountMin | integer(int32) | false | none | Require user minimum buy trades |

| Name | Type | Required | Restrictions | Description |
|---------------------------------|----------------|----------|--------------|--|
| userSellTradeCountMax | integer(int32) | false | none | Require user maximum sell trades |
| userSellTradeCountMin | integer(int32) | false | none | Require user minimum sell trades |
| userTradeCompleteCountMin | integer(int32) | false | none | Require user minimum completed trades |
| userTradeCompleteRateFilterTime | integer(int32) | false | none | Filter user completion rate type. 1: Last 30D, 2: All-time |
| userTradeCompleteRateMin | number | false | none | Require user minimum completion rate |
| userTradeCountFilterTime | integer(int32) | false | none | Filter user trade count type. 1: Last 30D, 2: All-time |
| userTradeType | integer(int32) | false | none | User trade volume tradeType. 0: BUY, 1: SELL, 2: ALL |
| userTradeVolumeAsset | string | false | none | User trade volume asset for requirement |
| userTradeVolumeFilterTime | integer(int32) | false | none | Filter user trade volume. 1: Last 30D, 2: All-time |
| userTradeVolumeMax | number | false | none | Require user maximum trade volume |
| userTradeVolumeMin | number | false | none | Require user minimum trade volume |
| yubikeyVerifyCode | string | false | none | Yubikey verification code |

42.12.1. Enumerated Values

| Property | Value |
|----------|----------|
| authType | FIDO2 |
| authType | FUND_PWD |
| authType | GOOGLE |
| authType | SMS |

AdQueryByPageReq

```
{
  "advNo": "string",
  "advStatus": 0,
  "asset": "string",
  "classify": "string",
  "endDate": "2019-08-24T14:15:22Z",
  "fiatUnit": "string",
  "inDeal": 0,
  "order": "string",
  "page": 0,
  "rows": 0,
  "sort": "string",
  "startDate": "2019-08-24T14:15:22Z",
  "tradeType": "string"
}
```

AdQueryByPageReq

42.13. Properties

| Name | Type | Required | Restrictions | Description |
|-----------|-------------------|----------|--------------|---|
| advNo | string | false | none | Adv number |
| advStatus | integer(int32) | false | none | Adv status, 1: Online, 3: Offline, 4:Closed |
| asset | string | false | none | Crypto asset: BTC |
| classify | string | false | none | Adv classify. mass |
| endDate | string(date-time) | false | none | Query date range endDate |
| fiatUnit | string | false | none | Fiat currency, e.g.: CNY, USD, if not provided, returns all fiat currency types |
| inDeal | integer(int32) | false | none | Query advertisements which are available to trade |
| order | string | false | none | Page order by |
| page | integer(int32) | true | none | Page number to query. Start = 1 |
| rows | integer(int32) | true | none | Rows to query per page. Suggested = 20 |

| Name | Type | Required | Restrictions | Description |
|-----------|-------------------|----------|--------------|---------------------------------|
| sort | string | false | none | Page sorting by (asc, desc) |
| startDate | string(date-time) | false | none | Query date range startDate |
| tradeType | string | false | none | Adv trade type. 0: BUY, 1: SELL |

AdReferencePriceQueryReq

```
{
  "assets": [
    "string"
  ],
  "fiatCurrency": "string",
  "fromUserRole": "string",
  "payType": "string",
  "tradeType": "string"
}
```

AdReferencePriceQueryReq

42.14. Properties

| Name | Type | Required | Restrictions | Description |
|--------------|----------|----------|--------------|---|
| assets | [string] | false | none | List of asset (maximum 3) eg: BTC |
| fiatCurrency | string | true | none | Fiat currency, e.g.: CNY |
| fromUserRole | string | false | none | Role of the user that Adv quote come from. USER, ADVERTISER, default: ADVERTISER if not present |
| payType | string | false | none | Payment method, e.g.: BANK, WECHAT |
| tradeType | string | true | none | Adv trade type. 0: BUY, 1: SELL |

AdReferencePriceResp

```
{
  "asset": "string",
  "assetScale": 0,
  "currency": "string",
  "currencyScale": 0,
  "currencySymbol": "string",
  "priceScale": 0,
  "referencePrice": 0
}
```

AdReferencePriceResp

42.15. Properties

| Name | Type | Required | Restrictions | Description |
|----------------|----------------|----------|--------------|---------------------------------|
| asset | string | false | none | Crypto asset: BTC |
| assetScale | integer(int32) | false | none | Asset decimal precision |
| currency | string | false | none | Advertisement fiat currency |
| currencyScale | integer(int32) | false | none | Fiat currency decimal precision |
| currencySymbol | string | false | none | Fiat currency symbol |
| priceScale | integer(int32) | false | none | Asset price decimal precision |
| referencePrice | number | false | none | Advertisement reference quote |

AdSearchReq

```
{
  "additionalKycVerifyFilter": 0,
  "asset": "string",
  "countries": [
    "string"
  ]
}
```

```
    ],
    "fiat": "string",
    "filterType": "string",
    "order": "string",
    "page": 0,
    "payTypes": [
      "string"
    ],
    "publisherType": "string",
    "rows": 0,
    "sort": "string",
    "tradeType": "string",
    "transAmount": 0
  }
}
```

AdSearchReq

42.16. Properties

| Name | Type | Required | Restrictions | Description |
|---------------------------|----------------|----------|--------------|--|
| additionalKycVerifyFilter | integer(int32) | false | none | additionalKycVerifyFilter: 0 don't use this filter, return both 1 return no need additionalKycVerify ad only |
| asset | string | true | none | Crypto asset: BTC |
| countries | [string] | false | none | Adv launch countries, return all countries result if not present |
| fiat | string | true | none | Fiat currency: CNY |
| filterType | string | false | none | Filter type (tradable displays ads that users can trade, all displays all ads, considering expanding other filter types), effective after user login, default is 'all' |
| order | string | false | none | Page order by |
| page | integer(int32) | true | none | Page number to query. Start = 1 |
| payTypes | [string] | false | none | Payment method list, e.g.: BANK, WECHAT |
| publisherType | string | false | none | Adv publisher type (user, merchant). Return all if not present |
| rows | integer(int32) | true | none | Rows to query per page. Suggested = 20 |
| sort | string | false | none | Page sorting by (asc, desc) |
| tradeType | string | true | none | User trade type: BUY, SELL; e.g.: for user purchasing, provide value 'BUY' |
| transAmount | number | false | none | Transaction amount |

AdSearchResp

```
{
  "adv": {
    "advNo": "string",
    "advStatus": 0,
    "advUpdateTime": "2019-08-24T14:15:22Z",
    "advVisibleRet": {
      "freeAmountVisible": 0,
      "orderFlowVisible": 0,
      "surplusAmountVisible": 0,
      "userSetVisible": 0
    },
  },
  "asset": "string",
  "assetLogo": "string",
  "assetScale": 0,
  "assetVo": {
    "asset": "string",
    "decimalScale": 0,
    "iconUrl": "string",
    "name": "string"
  },
  "autoReplyMsg": "string",
  "buyerBtcPositionLimit": 0,
  "buyerKycLimit": 0,
  "buyerRegDaysLimit": 0,
  "classify": "string",
  "commissionRate": 0,
  "createTime": "2019-08-24T14:15:22Z",
  "currencyRate": 0,
  "dynamicMaxSingleTransAmount": 0,
}
```

```

"dynamicMaxSingleTransQuantity": 0,
"fiatScale": 0,
"fiatSymbol": "string",
"fiatUnit": "string",
"fiatVo": {
  "countryCode": "string",
  "currencyCode": "string",
  "currencyScale": 0,
  "currencySymbol": "string",
  "iconUrl": "string",
  "priceScale": 0
},
"initAmount": 0,
"isTradable": true,
"maxSingleTransAmount": 0,
"maxSingleTransQuantity": 0,
"minSingleTransAmount": 0,
"minSingleTransQuantity": 0,
"offlineReason": "string",
"payTimeLimit": 0,
"price": 0,
"priceFloatingRatio": 0,
"priceScale": 0,
"priceType": 0,
"rateFloatingRatio": 0,
"remarks": "string",
"surplusAmount": 0,
"takerAdditionalKycRequired": 0,
"tradableQuantity": 0,
"tradeMethodCommissionRateVoList": [
  {
    "commissionRate": 0,
    "tradeMethodIdentifier": "string",
    "tradeMethodName": "string"
  }
],
"tradeMethods": [
  {
    "iconUrlColor": "string",
    "identifier": "string",
    "payAccount": "string",
    "payBank": "string",
    "payId": 0,
    "paySubBank": "string",
    "payType": "string",
    "tradeMethodName": "string"
  }
],
"tradeType": "string",
"userAllTradeCountMax": 0,
"userAllTradeCountMin": 0,
"userBuyTradeCountMax": 0,
"userBuyTradeCountMin": 0,
"userSellTradeCountMax": 0,
"userSellTradeCountMin": 0,
"userTradeCompleteCountMin": 0,
"userTradeCompleteRateFilterTime": 0,
"userTradeCompleteRateMin": 0,
"userTradeCountFilterTime": 0,
"userTradeType": 0,
"userTradeVolumeAsset": "string",
"userTradeVolumeFilterTime": 0,
"userTradeVolumeMax": 0,
"userTradeVolumeMin": 0
},
"advertiser": {
  "advConfirmTime": 0,
  "email": "string",
  "margin": 0,
  "marginUnit": "string",
  "mobile": "string",
  "monthFinishRate": 0,
  "monthOrderCount": 0,
  "nickName": "string",
  "orderCount": 0,
  "realName": "string",
  "registrationTime": "2019-08-24T14:15:22Z",
  "tagIconUrls": [
    "string"
  ],
  "userNo": "string",

```

```
    "userType": "string"
  }
}
```

AdSearchResp

42.17. Properties

| Name | Type | Required | Restrictions | Description |
|------------|------------------------------|----------|--------------|---------------------------|
| adv | AdDetailResp | false | none | Adv information |
| advertiser | AdvertiserVo | false | none | Adv publisher information |

AdTradeMethodResp

```
{
  "iconUrlColor": "string",
  "identifier": "string",
  "payAccount": "string",
  "payBank": "string",
  "payId": 0,
  "paySubBank": "string",
  "payType": "string",
  "tradeMethodName": "string"
}
```

AdTradeMethodResp

42.18. Properties

| Name | Type | Required | Restrictions | Description |
|-----------------|----------------|----------|--------------|--|
| iconUrlColor | string | false | none | Icon URL with background color |
| identifier | string | false | none | Identifier of trade method. Eg: AliPay, Visa |
| payAccount | string | false | none | Payment method account number |
| payBank | string | false | none | Bank information for bank-based payment methods |
| payId | integer(int64) | false | none | Transaction method ID, i.e., user payment method ID, available for sale type ads |
| paySubBank | string | false | none | Sub-branch information for bank-based payment methods |
| payType | string | false | none | Payment method, e.g.: BANK, WECHAT |
| tradeMethodName | string | false | none | Trade method display name |

AdUpdateReq

```
{
  "advNo": "string",
  "advStatus": 0,
  "asset": "string",
  "authType": "FID02",
  "autoReplyMsg": "string",
  "buyerBtcPositionLimit": 0,
  "buyerKycLimit": 0,
  "buyerRegDaysLimit": 0,
  "code": "string",
  "emailVerifyCode": "string",
  "fiatUnit": "string",
  "googleVerifyCode": "string",
  "initAmount": 0,
  "maxSingleTransAmount": 0,
  "minSingleTransAmount": 0,
  "mobileVerifyCode": "string",
  "payTimeLimit": 0,
  "price": 0,
  "priceFloatingRatio": 0,
  "priceType": 0,
  "rateFloatingRatio": 0,
  "remarks": "string",
  "saveAsTemplate": 0,
}
```



```
"takerAdditionalKycRequired": 0,
"templateName": "string",
"tradeMethods": [
  {
    "identifier": "string",
    "payId": 0,
    "payType": "string"
  }
],
"tradeType": "string",
"updateMode": "string",
"userAllTradeCountMax": 0,
"userAllTradeCountMin": 0,
"userBuyTradeCountMax": 0,
"userBuyTradeCountMin": 0,
"userSellTradeCountMax": 0,
"userSellTradeCountMin": 0,
"userTradeCompleteCountMin": 0,
"userTradeCompleteRateFilterTime": 0,
"userTradeCompleteRateMin": 0,
"userTradeCountFilterTime": 0,
"userTradeType": 0,
"userTradeVolumeAsset": "string",
"userTradeVolumeFilterTime": 0,
"userTradeVolumeMax": 0,
"userTradeVolumeMin": 0,
"yubikeyVerifyCode": "string"
}
```

AdUpdateReq

42.19. Properties

| Name | Type | Required | Restrictions | Description |
|----------------------------|----------------|----------|--------------|---|
| advNo | string | true | none | Adv number |
| advStatus | integer(int32) | false | none | Adv status, 1: Online, 3: Offline, 4:Closed |
| asset | string | false | none | Crypto asset: BTC |
| authType | string | false | none | Authenticate code type: GOOGLE |
| autoReplyMsg | string | false | none | Auto reply message |
| buyerBtcPositionLimit | number | false | none | Require buyer minimum BTC asset position |
| buyerKycLimit | integer(int32) | false | none | Require buyer kyc verified. 0: No, 1: Yes |
| buyerRegDaysLimit | integer(int32) | false | none | Require buyer minimum registered day. 0: No, 1: Yes |
| code | string | false | none | Authenticate Code |
| emailVerifyCode | string | false | none | Email verification code |
| fiatUnit | string | false | none | Fiat currency: CNY |
| googleVerifyCode | string | false | none | Google verification code |
| initAmount | number | false | none | Adv amount |
| maxSingleTransAmount | number | false | none | Single transaction maximum amount in fiat |
| minSingleTransAmount | number | false | none | Single transaction minimum amount in fiat |
| mobileVerifyCode | string | false | none | Mobile verification code |
| payTimeLimit | integer(int32) | false | none | Maximum time waiting for payment in minute |
| price | number | false | none | Adv price |
| priceFloatingRatio | number | false | none | Floating price ratio of the adv |
| priceType | integer(int32) | false | none | Adv price type. 1: FIXED, 2: FLOATING |
| rateFloatingRatio | number | false | none | Exchange rate ration of the trading pair |
| remarks | string | false | none | Remark |
| saveAsTemplate | integer(int32) | false | none | Adv as template. 0: No, 1: Yes |
| takerAdditionalKycRequired | integer(int32) | false | none | |

whether taker additional kyc required: 0 not required 1 required

| Name | Type | Required | Restrictions | Description |
|---------------------------------|--------------------|----------|--------------|---|
| templateName | string | false | none | Template name |
| tradeMethods | [AdsTradeMethodVo] | false | none | List of accepted payment method for the adv |
| tradeType | string | false | none | Adv trade type. 0: BUY, 1: SELL |
| updateMode | string | false | none | Update mode - default [selective], selective: Only update presenting fields, full: if field not present -> update to NULL, quickedit: support partial fields. |
| userAllTradeCountMax | integer(int32) | false | none | Require user maximum all trades |
| userAllTradeCountMin | integer(int32) | false | none | Require user minimum all trades |
| userBuyTradeCountMax | integer(int32) | false | none | Require user maximum buy trades |
| userBuyTradeCountMin | integer(int32) | false | none | Require user minimum buy trades |
| userSellTradeCountMax | integer(int32) | false | none | Require user maximum sell trades |
| userSellTradeCountMin | integer(int32) | false | none | Require user minimum sell trades |
| userTradeCompleteCountMin | integer(int32) | false | none | Require user minimum completed trades |
| userTradeCompleteRateFilterTime | integer(int32) | false | none | Filter user completion rate type. 1: Last 30D, 2: All-time |
| userTradeCompleteRateMin | number | false | none | Require user minimum completion rate |
| userTradeCountFilterTime | integer(int32) | false | none | Filter user trade count type. 1: Last 30D, 2: All-time |
| userTradeType | integer(int32) | false | none | User trade volume tradeType. 0: BUY, 1: SELL, 2: ALL |
| userTradeVolumeAsset | string | false | none | User trade volume asset for requirement |
| userTradeVolumeFilterTime | integer(int32) | false | none | Filter user trade volume. 1: Last 30D, 2: All-time |
| userTradeVolumeMax | number | false | none | Require user maximum trade volume |
| userTradeVolumeMin | number | false | none | Require user minimum trade volume |
| yubikeyVerifyCode | string | false | none | Yubikey verification code |

42.19.1. Enumerated Values

| Property | Value |
|----------|----------|
| authType | FIDO2 |
| authType | FUND_PWD |
| authType | GOOGLE |
| authType | SMS |

AdUpdateStatusResp

```
{
  "failList": [
    {
      "advNo": "string",
      "errorCode": "string",
      "errorMsg": "string"
    }
  ],
  "status": true
}
```

AdUpdateStatusResp

42.20. Properties

| Name | Type | Required | Restrictions | Description |
|----------|----------------------|----------|--------------|------------------------------|
| failList | [StatusUpdateResult] | false | none | List of failed result |
| status | boolean | false | none | Update result, true or false |

AdVisibleRetVo

```
{
  "freeAmountVisible": 0,
  "orderFlowVisible": 0,
  "surplusAmountVisible": 0,
  "userSetVisible": 0
}
```

AdVisibleRetVo

42.21. Properties

| Name | Type | Required | Restrictions | Description |
|----------------------|----------------|----------|--------------|---|
| freeAmountVisible | integer(int32) | false | none | User funding wallet sufficient visibility. (0: Invisible, 1: Visible) |
| orderFlowVisible | integer(int32) | false | none | Order business visibility. (0: Invisible, 1: Visible) |
| surplusAmountVisible | integer(int32) | false | none | Remaining quantity visibility. (0: Invisible, 1: Visible) |
| userSetVisible | integer(int32) | false | none | User set visibility. (0: Invisible, 1: Visible) |

AdjustMarginBarResp

```
{
  "success": true
}
```

AdjustMarginBarResp

42.22. Properties

| Name | Type | Required | Restrictions | Description |
|---------|---------|----------|--------------|-------------|
| success | boolean | false | none | none |

AdsTradeMethodVo

```
{
  "identifier": "string",
  "payId": 0,
  "payType": "string"
}
```

AdsTradeMethodVo

42.23. Properties

| Name | Type | Required | Restrictions | Description |
|------------|----------------|----------|--------------|--|
| identifier | string | false | none | Identifier of trade method. Eg: AliPay, Visa |
| payId | integer(int64) | false | none | User trade method ID. |
| payType | string | false | none | Deprecated. Please use identifier. |

AdvertiserVo

```
{
  "advConfirmTime": 0,
  "email": "string",
  "margin": 0,
  "marginUnit": "string",
  "mobile": "string",
  "monthFinishRate": 0,
  "monthOrderCount": 0,
  "nickName": "string",
  "orderCount": 0,
  "realName": "string",
  "registrationTime": "2019-08-24T14:15:22Z",
  "tagIconUrls": [

```

```
    "string"
  },
  "userNo": "string",
  "userType": "string"
}
```

AdvertiserVo

42.24. Properties

| Name | Type | Required | Restrictions | Description |
|------------------|-------------------|----------|--------------|-------------------------------|
| advConfirmTime | integer(int32) | false | none | Average release time (second) |
| email | string | false | none | Email |
| margin | number | false | none | Margin amount |
| marginUnit | string | false | none | Margin unit, e.g. BNB |
| mobile | string | false | none | none |
| monthFinishRate | number | false | none | 30-day completion rate |
| monthOrderCount | integer(int32) | false | none | 30-day transaction volume |
| nickName | string | false | none | User nickname |
| orderCount | integer(int32) | false | none | Total transaction volume |
| realName | string | false | none | User real name |
| registrationTime | string(date-time) | false | none | none |
| tagIconUrls | [string] | false | none | User tag icon URL list |
| userNo | string | false | none | User number string |
| userType | string | false | none | User type (merchant, user) |

AllForceOrderDto

```
{
  "averagePrice": 0,
  "executedQty": 0,
  "orderTime": 0,
  "origQty": 0,
  "price": 0,
  "side": "BUY",
  "status": "string",
  "symbol": "string",
  "timeInForce": "FOK",
  "type": "string",
  "updatedAt": 0
}
```

AllForceOrderDto

42.25. Properties

| Name | Type | Required | Restrictions | Description |
|--------------|----------------|----------|--------------|-------------|
| averagePrice | number | false | none | 平均价格 |
| executedQty | number | false | none | 成交amount |
| orderTime | integer(int64) | false | none | 订单时间戳 |
| origQty | number | false | none | 订单amount |
| price | number | false | none | 订单价格 |
| side | string | false | none | 交易方向 |
| status | string | false | none | 状态 |
| symbol | string | false | none | 交易对 |
| timeInForce | string | false | none | 挂单策略 |

| Name | Type | Required | Restrictions | Description |
|---------------|----------------|----------|--------------|-------------|
| type | string | false | none | 类型 |
| updatedAtTime | integer(int64) | false | none | 更新时间 |

42.25.1. Enumerated Values

| Property | Value |
|-------------|-------|
| side | BUY |
| side | SELL |
| timeInForce | FOK |
| timeInForce | GTC |
| timeInForce | IOC |

ApiAgentKickbackResp

```
{
  "asset": "string",
  "income": "string",
  "symbol": "string",
  "time": 0
}
```

ApiAgentKickbackResp

42.26. Properties

| Name | Type | Required | Restrictions | Description |
|--------|----------------|----------|--------------|-------------|
| asset | string | false | none | none |
| income | string | false | none | none |
| symbol | string | false | none | none |
| time | integer(int64) | false | none | none |

ApiAuthorityResp

```
{
  "createTime": "2019-08-24T14:15:22Z",
  "enableFutures": true,
  "enableInternalTransfer": true,
  "enableMargin": true,
  "enablePortfolioMarginTrading": true,
  "enableReading": true,
  "enableSpotAndMarginTrading": true,
  "enableVanillaOptions": true,
  "enableWithdrawals": true,
  "ipRestrict": true,
  "permitsUniversalTransfer": true,
  "tradingAuthorityExpirationTime": "2019-08-24T14:15:22Z"
}
```

ApiAuthorityResp

42.27. Properties

| Name | Type | Required | Restrictions | Description |
|------------------------------|-------------------|----------|--------------|-------------|
| createTime | string(date-time) | false | none | none |
| enableFutures | boolean | false | none | none |
| enableInternalTransfer | boolean | false | none | none |
| enableMargin | boolean | false | none | none |
| enablePortfolioMarginTrading | boolean | false | none | none |

| Name | Type | Required | Restrictions | Description |
|--------------------------------|-------------------|----------|--------------|-------------|
| enableReading | boolean | false | none | none |
| enableSpotAndMarginTrading | boolean | false | none | none |
| enableVanillaOptions | boolean | false | none | none |
| enableWithdrawals | boolean | false | none | none |
| ipRestrict | boolean | false | none | none |
| permitsUniversalTransfer | boolean | false | none | none |
| tradingAuthorityExpirationTime | string(date-time) | false | none | none |

ApiKeyInfoResp

```
{
  "apiKey": "string",
  "apiName": "string",
  "ip": "string",
  "type": "string"
}
```

ApiKeyInfoResp

42.28. Properties

| Name | Type | Required | Restrictions | Description |
|---------|--------|----------|--------------|-------------|
| apiKey | string | false | none | none |
| apiName | string | false | none | none |
| ip | string | false | none | none |
| type | string | false | none | none |

ApiModelResp

```
{
  "apiKey": "string",
  "secretKey": "string",
  "type": "string"
}
```

ApiModelResp

42.29. Properties

| Name | Type | Required | Restrictions | Description |
|-----------|--------|----------|--------------|-------------|
| apiKey | string | false | none | none |
| secretKey | string | false | none | none |
| type | string | false | none | none |

ApplyWithdrawResp

```
{
  "id": "string"
}
```

ApplyWithdrawResp

42.30. Properties

| Name | Type | Required | Restrictions | Description |
|------|--------|----------|--------------|-------------|
| id | string | false | none | none |

AssetAllocation

```
{
  "allocation": 0,
  "targetAsset": "string"
}
```

AssetAllocation

42.31. Properties

| Name | Type | Required | Restrictions | Description |
|-------------|----------------|----------|--------------|-------------|
| allocation | integer(int32) | false | none | none |
| targetAsset | string | false | none | none |

AssetConfig

```
{
  "maxAdd": 0,
  "maxSwap": 0,
  "minAdd": 0,
  "minSwap": 0
}
```

AssetConfig

42.32. Properties

| Name | Type | Required | Restrictions | Description |
|---------|--------|----------|--------------|-------------|
| maxAdd | number | false | none | none |
| maxSwap | number | false | none | none |
| minAdd | number | false | none | none |
| minSwap | number | false | none | none |

AssetLeverageResp

```
{
  "asset": "string",
  "leverage": 0
}
```

AssetLeverageResp

42.33. Properties

| Name | Type | Required | Restrictions | Description |
|----------|----------------|----------|--------------|-------------|
| asset | string | false | none | none |
| leverage | integer(int32) | false | none | none |

AutoInvestAddPlanResp

```
{
  "nextExecutionDateTime": 0,
  "planId": 0
}
```

AutoInvestAddPlanResp

42.34. Properties

| Name | Type | Required | Restrictions | Description |
|-----------------------|----------------|----------|--------------|-------------------------|
| nextExecutionDateTime | integer(int64) | false | none | next execution DateTime |
| planId | integer(int64) | false | none | planId |

AutoInvestAllAssetResp

```
{
  "sourceAssets": [
    "string"
  ],
  "targetAssets": [
    "string"
  ]
}
```

AutoInvestAllAssetResp

42.35. Properties

| Name | Type | Required | Restrictions | Description |
|--------------|----------|----------|--------------|--------------|
| sourceAssets | [string] | false | none | targetAssets |
| targetAssets | [string] | false | none | targetAssets |

AutoInvestAssetDetailResp

```
{
  "roiAndDimensionTypeList": [
    {
      "dimensionUnit": "string",
      "dimensionValue": 0,
      "simulateRoi": 0
    }
  ],
  "targetAsset": "string"
}
```

AutoInvestAssetDetailResp

42.36. Properties

| Name | Type | Required | Restrictions | Description |
|-------------------------|-------------------------------------|----------|--------------|--------------|
| roiAndDimensionTypeList | [AutoInvestRoiAndDimensionTypeResp] | false | none | none |
| targetAsset | string | false | none | target asset |

AutoInvestEditPlanResp

```
{
  "nextExecutionDateTime": 0,
  "planId": 0
}
```

AutoInvestEditPlanResp

42.37. Properties

| Name | Type | Required | Restrictions | Description |
|-----------------------|----------------|----------|--------------|-------------------------|
| nextExecutionDateTime | integer(int64) | false | none | next execution DateTime |
| planId | integer(int64) | false | none | planId |

AutoInvestEditPlanStatusResp


```
{
  "nextExecutionDateTime": 0,
  "planId": 0,
  "status": "string"
}
```

AutoInvestEditPlanStatusResp

42.38. Properties

| Name | Type | Required | Restrictions | Description |
|-----------------------|----------------|----------|--------------|-------------------------|
| nextExecutionDateTime | integer(int64) | false | none | next execution DateTime |
| planId | integer(int64) | false | none | planId |
| status | string | false | none | plan status |

AutoInvestHistoryResp

```
{
  "executionPrice": 0,
  "executionType": "string",
  "failedType": "string",
  "flexibleUsed": true,
  "id": 0,
  "planId": 0,
  "planName": "string",
  "planType": "string",
  "sourceAsset": "string",
  "sourceAssetAmount": 0,
  "sourceWallet": "string",
  "subscriptionCycle": "string",
  "targetAsset": "string",
  "targetAssetAmount": 0,
  "transactionDateTime": 0,
  "transactionFee": 0,
  "transactionFeeUnit": "string",
  "transactionStatus": "string"
}
```

AutoInvestHistoryResp

42.39. Properties

| Name | Type | Required | Restrictions | Description |
|---------------------|----------------|----------|--------------|-------------|
| executionPrice | number | false | none | none |
| executionType | string | false | none | none |
| failedType | string | false | none | none |
| flexibleUsed | boolean | false | none | none |
| id | integer(int64) | false | none | none |
| planId | integer(int64) | false | none | none |
| planName | string | false | none | none |
| planType | string | false | none | none |
| sourceAsset | string | false | none | none |
| sourceAssetAmount | number | false | none | none |
| sourceWallet | string | false | none | none |
| subscriptionCycle | string | false | none | none |
| targetAsset | string | false | none | none |
| targetAssetAmount | number | false | none | none |
| transactionDateTime | integer(int64) | false | none | none |
| transactionFee | number | false | none | none |

| Name | Type | Required | Restrictions | Description |
|--------------------|--------|----------|--------------|-------------|
| transactionFeeUnit | string | false | none | none |
| transactionStatus | string | false | none | none |

AutoInvestIndexInfoResp

```
{
  "assetAllocation": [
    {
      "allocation": 0,
      "targetAsset": "string"
    }
  ],
  "indexId": 0,
  "indexName": "string",
  "status": "PAUSED"
}
```

AutoInvestIndexInfoResp

42.40. Properties

| Name | Type | Required | Restrictions | Description |
|-----------------|-------------------|----------|--------------|-----------------------------------|
| assetAllocation | [AssetAllocation] | false | none | none |
| indexId | integer(int64) | false | none | none |
| indexName | string | false | none | none |
| status | string | false | none | status RUNNING/REBALANCING/PAUSED |

42.40.1. Enumerated Values

| Property | Value |
|----------|-------------|
| status | PAUSED |
| status | REBALANCING |
| status | RUNNING |

AutoInvestIndexUserIndexSummaryResp

```
{
  "assetAllocation": [
    {
      "allocation": 0,
      "targetAsset": "string"
    }
  ],
  "currentInvestedInUSD": 0,
  "details": [
    {
      "apr": 0,
      "asset": "string",
      "canPurchase": true,
      "duration": 0,
      "extraRewardAPR": 0,
      "extraRewardAsset": "string",
      "isSoldOut": true,
      "renewable": true,
      "rewardAsset": "string",
      "status": "string",
      "subscriptionStartTime": 0
    }
  ],
  "indexId": 0,
  "pnlInUSD": 0,
  "roi": 0,
  "totalInvestedInUSD": 0
}
```