

## 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](#)
- 7. [Update Ads](#)
- 8. [Update Ads Status](#)
- 9. [Query Digital Currency List](#)
- 10. [Query Fiat Currency List](#)
- 11. [Merchant close business](#)
- 12. [Merchant End Rest](#)
- 13. [Get Ad Details By Merchant Number](#)
- 14. [Set Merchant Offline](#)
- 15. [Set Merchant Online](#)
- 16. [Merchant start business](#)
- 17. [Merchant Start Rest](#)
- 18. [Cancel Order](#)
- 19. [Check If Allowed Cancel Order](#)
- 20. [Check If Can Place Order](#)
- 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&timestamp=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	<a href="#">CommonRet_UserAdsCategoryResp_</a>
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	<a href="#">CommonRet_AdDetailResp_</a>
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	<a href="#">AdReferencePriceQueryReq</a>	true	param

#### Example responses

#### 200 Response

### Responses

Status	Meaning	Description	Schema
200	OK	OK	<a href="#">CommonRet_List_AdReferencePriceResp_</a>
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	<a href="#">AdQueryByPageReq</a>	true	advQueryByPageReq

### Example responses

#### 200 Response

### Responses

Status	Meaning	Description	Schema
200	<a href="#">OK</a>	OK	<a href="#">CommonPageRet_AdDetailResp_</a>
201	<a href="#">Created</a>	Created	None
401	<a href="#">Unauthorized</a>	Unauthorized	None
403	<a href="#">Forbidden</a>	Forbidden	None
404	<a href="#">Not Found</a>	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",
  "name": "string",
  "phone": "string",
  "status": 0,
  "type": "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	<a href="#">CommonPageRet_AdSearchResp_</a>
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	<a href="#">Request_parameters_for_Ads_Status_Batch_Update</a>	true	adsUpdateStatusReq

Example responses

200 Response

## Responses

Status	Meaning	Description	Schema
200	<a href="#">OK</a>	OK	<a href="#">CommonRet_AdUpdateStatusResp_</a>
201	<a href="#">Created</a>	Created	None
401	<a href="#">Unauthorized</a>	Unauthorized	None
403	<a href="#">Forbidden</a>	Forbidden	None
404	<a href="#">Not Found</a>	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	<a href="#">OK</a>	OK	<a href="#">CommonRet_List_</a>
201	<a href="#">Created</a>	Created	None
401	<a href="#">Unauthorized</a>	Unauthorized	None
403	<a href="#">Forbidden</a>	Forbidden	None
404	<a href="#">Not Found</a>	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	<a href="#">CommonRet_List_</a>
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	<a href="#">CommonRet_boolean_</a>
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	<a href="#">CommonRet_boolean_</a>
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	<a href="#">CommonRet_MerchantAdsDetailResp_</a>
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	<a href="#">OK</a>	OK	<a href="#">CommonRet_Merchant_Start_Rest_Response_</a>
201	<a href="#">Created</a>	Created	None
401	<a href="#">Unauthorized</a>	Unauthorized	None
403	<a href="#">Forbidden</a>	Forbidden	None
404	<a href="#">Not Found</a>	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	<a href="#">C2C_CancelOrderReq</a>	true	req

[Example responses](#)

[200 Response](#)

### Responses

Status	Meaning	Description	Schema
200	<a href="#">OK</a>	OK	<a href="#">CommonRet_Void_</a>
201	<a href="#">Created</a>	Created	None
401	<a href="#">Unauthorized</a>	Unauthorized	None
403	<a href="#">Forbidden</a>	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	<a href="#">OrderNoReq</a>	true	req

### Example responses

### 200 Response

## Responses

Status	Meaning	Description	Schema
200	<a href="#">OK</a>	OK	<a href="#">CommonRet_boolean_</a>
201	<a href="#">Created</a>	Created	None
401	<a href="#">Unauthorized</a>	Unauthorized	None
403	<a href="#">Forbidden</a>	Forbidden	None
404	<a href="#">Not Found</a>	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	<a href="#">AdOrderNoReq</a>	true	adOrderNoReq

### Example responses

### 200 Response

#### Responses

Status	Meaning	Description	Schema
200	OK	OK	<a href="#">CommonRet_boolean_</a>
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	<a href="#">ConfirmOrderPaidReq</a>	true	confirmOrderPaidReq

### Example responses

### 200 Response

#### Responses

Status	Meaning	Description	Schema
200	OK	OK	<a href="#">CommonRet_boolean_</a>
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	<a href="#">MarkOrderAsPaidReq</a>	true	markOrderAsPaidReq

### Example responses

### 200 Response

### Responses

Status	Meaning	Description	Schema
200	OK	OK	<a href="#">CommonRet_MarkOrderAsPaidResp</a>
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	<a href="#">CommonRet_PayMethodResp_</a>
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	<a href="#">CommonRet_List_PayMethodResp_</a>
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	<a href="#">CommonPageRet_</a>
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	<a href="#">CommonRet_FlatUserDetailResp_</a>
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",
  "ordenNo": "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	<a href="#">CommonRet_ChatCredentialResp_</a>
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	<a href="#">CommonPageRet_RetrieveChatMessagesWithPaginationResp_</a>
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	<a href="#">CommonRet_commission_rate_overview_</a>
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	<a href="#">CommonRet_List_taker_commission_rate_</a>
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	<a href="#">UserAsset</a>	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	<a href="#">UserAsset</a>	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	[ <a href="#">AccountSnapshotVo_object</a> ]	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	<a href="#">EthHoldingDetail</a>	false	none	none
profit	<a href="#">EthProfitDetail</a>	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	[ <a href="#">TradeMethodCommissionRateVo</a> ]	false	none	Commission rate by payment method
tradeMethods	[ <a href="#">AdTradeMethodResp</a> ]	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",
      "label": "string"
    }
  ],
  "user": {
    "id": 0,
    "name": "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	<a href="#">AdVisibleRetVo</a>	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	<a href="#">[PayMethodDto]</a>	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
}
```

```

"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

```
"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",
  "updatedTime": 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
updatedTime	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	[ <a href="#">AutoInvestRoiAndDimensionTypeResp</a> ]	false	none	none
targetAsset	string		false	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
}
```