

Huobi Global API Updates

(Spot Market, Q2 2020)



To Huobi Global API Users
From Huobi Global API Team
Issue Date 20-Jul-20
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This update serves as a review of recent spot exchange API changes. The updates are provided as guidance only, Huobi reserves the right to change information provided. If you have any questions or want to discuss above changes please contact customer support, or if you are institutional client please

Change Summary

Item	Change Summary	Date	Impact
1	Added a new Websocket channel "orders#\${symbol}" for order update subscription before clearing	4-Apr-20	High
2	Allowed sub user to deposit	17-Apr-20	High
3	Supported all cryptocurrency pairs in Websocket channels "market.\$symbol.mbp" (150-level only)	28-Apr-20	Medium
4	Allowed API key binding with IPv4 network address	13-May-20	Low
5	Adjusted maximum number of connections allowed to Websocket v2 private channels	27-Apr-20	Low
6	Added original order type field in the update message from Websocket channel "orders#\${symbol}"	27-Apr-20	High

7	Added order transaction update from Websocket channel "orders# <code>#{symbol}</code> " for IOC orders	27-Apr-20	High
8	Added order creation update from Websocket channel "orders# <code>#{symbol}</code> " for taker orders	29-May-20	High
9	Added transaction rebate information in match result	1-Jun-20	High
10	Fixed "SeqNum" mismatch issue in Websocket channel "market. <code>symbol.mbp.levels</code> "	18-Jun-20	High
11	Added new REST endpoint to create sub users via API	29-May-20	Medium
12	Added generic asset transfer REST endpoint	29-May-20	Medium
13	Added new REST endpoint for parent user to set tradable market for sub users	29-May-20	Medium
14	Added new REST endpoint for parent user to set asset transfer permission for sub users	29-May-20	Medium
15	Applied new rate limit rules for some private REST endpoints	4-Jun-20	High
16	Added new REST endpoints for sub user's API key management	5-Jun-20	Medium
17	Added error details in case of withdraw failure	11-Jun-20	Low
18	Added new state codes in withdraw record	11-Jun-20	Low
19	Adjusted maximum number of API keys one user could create	15-Jun-20	High
20	Adjusted maximum number of IP addresses one API key could bind with	15-Jun-20	Low
21	Added new REST endpoint for parent user to get a list of sub users	16-Jun-20	Low
22	Added new REST endpoint for parent user to get a list of sub user's accounts	16-Jun-20	Low
23	Added fee currency field in match result for transaction fee or transaction rebate	24-Jun-20	Medium
24	5-level & 20-level MBP data can be subscribed from Websocket channel "market. <code>symbol.mbp.levels</code> "	24-Jun-20	High
25	Supported C2C lending and borrowing via API	23-Jun-20	Medium
26	Added new REST endpoint to get withdraw address list	24-Jun-20	Low
27	Added new REST endpoint to get the latest market status	27-Jun-20	High
28	Supported conditional order	27-Jun-20	Medium

Change Details

1	Added a new Websocket channel “orders#$\{symbol}$” for order update subscription before clearing
Description	By subscribing to the new Websocket channel “orders# $\{symbol}$ ”, user could receive order creation, transaction, and cancellation updates in sequence. As the update is sent from trading engine before clearing, the latency is much lower than “trade.clearing# $\{symbol}$ ”.
Date	4-Apr-20
API Doc	https://huobiapi.github.io/docs/spot/v1/en/#subscribe-order-updates
API Circular	https://huobiglobal.zendesk.com/hc/en-us/articles/900000499563
2	Allowed sub user to deposit
Description	In the past, sub user could only get crypto assets from parent user. Now sub user is allowed to deposit cryptocurrency directly into his/her Huobi spot account. The deposit addresses and deposit history are queriable.
Date	17-Apr-20
API Doc	https://huobiapi.github.io/docs/spot/v1/en/#query-deposit-address https://huobiapi.github.io/docs/spot/v1/en/#search-for-existed-withdraws-and-deposits https://huobiapi.github.io/docs/spot/v1/en/#query-deposit-address-of-sub-user https://huobiapi.github.io/docs/spot/v1/en/#query-deposit-history-of-sub-user
API Circular	https://huobiglobal.zendesk.com/hc/en-us/articles/900000623423
3	Supported all cryptocurrency pairs in Websocket channels “market.\$symbol.mbp” (150-level only)
Description	The MBP feeds “market.\$symbol.mbp.\$levels” (150-level only) & “market.\$symbol.mbp.refresh.\$levels” were only supporting 39 cryptocurrency pairs in the past. Now it supports all.
Date	28-Apr-20
API Doc	https://huobiapi.github.io/docs/spot/v1/en/#market-by-price-incremental-update https://huobiapi.github.io/docs/spot/v1/en/#market-by-price-refresh-update
API Circular	https://huobiglobal.zendesk.com/hc/en-us/articles/900000762363
4	Allowed API key binding with IPv4 network address
Description	API key was only allowed to bind with host IP address in the past. Now it can bind with IPv4 network IP.
Date	13-May-20
API Doc	https://huobiapi.github.io/docs/spot/v1/en/#preparation

API Circular	https://huobiglobal.zendesk.com/hc/en-us/articles/900000903546
5	Adjusted maximum number of connections allowed to WebSocket v2 private channels
Description	One API key was only allowed to establish maximum 5 simultaneous connections to v2 WebSocket private channels in the past. Now it's adjusted to 10.
Date	27-Apr-20
API Doc	https://huobiapi.github.io/docs/spot/v1/en/#general-4
API Circular	https://huobiglobal.zendesk.com/hc/en-us/articles/900000916183
6	Added original order type field in the update message from WebSocket channel "orders#\${symbol}"
Description	In the past, the original information of the order, i.e. order type, was neither available in the order transaction update nor in cancellation update, from WebSocket channel "orders#\${symbol}". A new field "type" has been added into order transaction update and order cancellation update.
Date	27-Apr-20
API Doc	https://huobiapi.github.io/docs/spot/v1/en/#subscribe-order-updates
API Circular	https://huobiglobal.zendesk.com/hc/en-us/articles/900000916183
7	Added order transaction update from WebSocket channel "orders#\${symbol}" for IOC orders
Description	While an IOC order was partially filled followed by partial cancellation, the WebSocket channel "orders#\${symbol}" should send down order transaction update first prior to an order cancellation update.
Date	27-Apr-20
API Doc	https://huobiapi.github.io/docs/spot/v1/en/#subscribe-order-updates
API Circular	https://huobiglobal.zendesk.com/hc/en-us/articles/900000916183
8	Added order creation update from WebSocket channel "orders#\${symbol}" for taker orders
Description	When a taker order being submitted, the WebSocket channel "orders#\${symbol}" should send down order creation update first, prior to its order transaction updates.
Date	29-May-20
API Doc	https://huobiapi.github.io/docs/spot/v1/en/#subscribe-order-updates
API Circular	https://huobiglobal.zendesk.com/hc/en-us/articles/900001050763
9	Added transaction rebate information in match result
Description	User could not get transaction rebate value from match result in the past. Now transaction rebate value can be returned via the field where we usually hold the transaction fee.
Date	1-Jun-20

API Doc	https://huobiapi.github.io/docs/spot/v1/en/#get-current-fee-rate-applied-to-the-user https://huobiapi.github.io/docs/spot/v1/en/#get-the-match-result-of-an-order https://huobiapi.github.io/docs/spot/v1/en/#search-match-results https://huobiapi.github.io/docs/spot/v1/en/#subscribe-trade-details-post-clearing
API Circular	https://huobiglobal.zendesk.com/hc/en-us/articles/900001063003

10	Fixed "SeqNum" mismatch issue in Websocket channel "market.\$symbol.mbp.\$levels"
Description	In the past, in specific case, the incremental update and the refresh message from Websocket channel "market.\$symbol.mbp.\$levels" would possibly mismatch each other. Now the problem no longer exists.
Date	18-Jun-20
API Doc	https://huobiapi.github.io/docs/spot/v1/en/#market-by-price-incremental-update
API Circular	https://huobiglobal.zendesk.com/hc/en-us/articles/900001078223

11	Added new REST endpoint to create sub users via API
Description	In the past, parent user was only able to create sub users one by one via Huobi official web site. Now parent user can create sub users in batch mode via a new endpoint "POST /v2/sub-user/creation".
Date	29-May-20
API Doc	https://huobiapi.github.io/docs/spot/v1/en/#sub-user-creation
API Circular	https://huobiglobal.zendesk.com/hc/en-us/articles/900001104383

12	Added generic asset transfer REST endpoint
Description	In the past, different asset transfer scenario might involve different asset transfer endpoint. Now the newly added REST endpoint "POST /v1/account/transfer" intends to become a generic asset transfer endpoint to cover all asset transfer scenarios. The unifications are in progress.
Date	29-May-20
API Doc	https://huobiapi.github.io/docs/spot/v1/en/#asset-transfer
API Circular	https://huobiglobal.zendesk.com/hc/en-us/articles/900001092446 https://huobiglobal.zendesk.com/hc/en-us/articles/900001267786

13	Added new REST endpoint for parent user to set tradable market for sub users
Description	In the past, parent user was only able to set tradable market for each sub user one by one via Huobi official web site. Now parent user can set tradable market for sub users in batch mode via a new endpoint "POST /v2/sub-user/tradable-market".
Date	29-May-20
API Doc	https://huobiapi.github.io/docs/spot/v1/en/#set-tradable-market-for-sub-users
API Circular	https://huobiglobal.zendesk.com/hc/en-us/articles/900001092506

14	Added new REST endpoint for parent user to set asset transfer permission for sub users
Description	In the past, sub user was not authorised to transfer assets to another sub user. Now, parent user can set this asset transfer permission for sub users in batch mode via a new endpoint "POST /v2/sub-user/transferability". Authorised sub user should be able to transfer assets to another sub user who under the same parent, via the generic asset transfer endpoint.
Date	29-May-20
API Doc	https://huobiapi.github.io/docs/spot/v1/en/#set-asset-transfer-permission-for-sub-users
API Circular	https://huobiglobal.zendesk.com/hc/en-us/articles/900001092506
15	Applied new rate limit rules for some private REST endpoints
Description	In the past, the rate limit consumption on private REST endpoints was counted based on API key. The new version rate limit rules applied on some private REST endpoints change the consumption counting to be based on UID instead. User is able to realtimely monitor the remaining rate limit quota via the response message header, in order to determine the best timing of next request.
Date	4-Jun-20
API Doc	https://huobiapi.github.io/docs/spot/v1/en/#new-version-rate-limit-rule
API Circular	https://huobiglobal.zendesk.com/hc/en-us/articles/900001168066
16	Added new REST endpoints for sub user's API key management
Description	In the past, parent user was only able to manage sub user's API key via Huobi official web site. Now, via corresponding new endpoint newly added, parent user can accomplish sub user's API key creation, modification, and deletion.
Date	5-Jun-20
API Doc	https://huobiapi.github.io/docs/spot/v1/en/#sub-user-api-key-creation https://huobiapi.github.io/docs/spot/v1/en/#api-key-query https://huobiapi.github.io/docs/spot/v1/en/#sub-user-api-key-modification https://huobiapi.github.io/docs/spot/v1/en/#sub-user-api-key-deletion
API Circular	https://huobiglobal.zendesk.com/hc/en-us/articles/900001195006
17	Added error details in case of withdraw failure
Description	In the past, user was unable to get error details from endpoint "GET /v1/query/deposit-withdraw" in case of withdraw failure. Now, by including two new fields, user can find the reason.
Date	11-Jun-20
API Doc	https://huobiapi.github.io/docs/spot/v1/en/#search-for-existed-withdraws-and-deposits
API Circular	https://huobiglobal.zendesk.com/hc/en-us/articles/900001266906

18	Added new state codes in withdraw record
Description	Two new enum values have been added into withdraw state field, in the response message of endpoint "GET /v1/query/deposit-withdraw".
Date	11-Jun-20
API Doc	https://huobiapi.github.io/docs/spot/v1/en/#search-for-existed-withdraws-and-deposits
API Circular	https://huobiglobal.zendesk.com/hc/en-us/articles/900001266906

19	Adjusted maximum number of API keys one user could create
Description	In the past, one user was only able to create maximum 5 API keys. Now, this limit is changed to 20.
Date	15-Jun-20
API Doc	https://huobiapi.github.io/docs/spot/v1/en/#preparation
API Circular	https://huobiglobal.zendesk.com/hc/en-us/articles/900001316846

20	Adjusted maximum number of IP addresses one API key could bind with
Description	In the past, one API key was only able to bind with maximum 10 IP addresses. Now this limit is changed to 20.
Date	15-Jun-20
API Doc	https://huobiapi.github.io/docs/spot/v1/en/#preparation
API Circular	https://huobiglobal.zendesk.com/hc/en-us/articles/900001316846

21	Added new REST endpoint for parent user to get a list of sub users
Description	Parent user is able to get a full list of all sub user's UIDs as well as each user's state via a new endpoint "GET /v2/sub-user/user-list".
Date	16-Jun-20
API Doc	https://huobiapi.github.io/docs/spot/v1/en/#get-sub-user-39-s-list https://huobiapi.github.io/docs/spot/v1/en/#get-sub-user-39-s-status
API Circular	https://huobiglobal.zendesk.com/hc/en-us/articles/900001331346

22	Added new REST endpoint for parent user to get a list of sub user's accounts
Description	Parent user is able to get a full list of specific sub user's accounts as well as each account's status via a new endpoint "GET /v2/sub-user/account-list".
Date	16-Jun-20
API Doc	https://huobiapi.github.io/docs/spot/v1/en/#get-sub-user-39-s-account-list
API Circular	https://huobiglobal.zendesk.com/hc/en-us/articles/900001331346

23	Added fee currency field in match result for transaction fee or transaction rebate
Description	In the past, the match result message only contained transaction fee value or transaction rebate value, without the unit indicated. Now the new field has been added into match result to indicate the cryptocurrency of transaction fee or transaction rebate.
Date	24-Jun-20
API Doc	https://huobiapi.github.io/docs/spot/v1/en/#get-the-match-result-of-an-order https://huobiapi.github.io/docs/spot/v1/en/#search-match-results
API Circular	https://huobiglobal.zendesk.com/hc/en-us/articles/900001519546

24	5-level & 20-level MBP data can be subscribed from Websocket channel "market.\$symbol.mbp.\$levels"
Description	In the past, the Websocket channel "market.\$symbol.mbp.\$levels" only supported 150-level incremental updates, at fixed interval. Now, via the same channel, user is able to subscribe 5-level or 20-level incremental updates in tick by tick mode.
Date	24-Jun-20
API Doc	https://huobiapi.github.io/docs/spot/v1/en/#market-by-price-incremental-update
API Circular	https://huobiglobal.zendesk.com/hc/en-us/articles/900001526643

25	Supported C2C lending and borrowing via API
Description	User is able to borrow or lend cryptocurrency assets to participate the C2C market trading via the newly added endpoints.
Date	23-Jun-20
API Doc	https://huobiapi.github.io/docs/spot/v1/en/#margin-loan-c2c
API Circular	https://huobiglobal.zendesk.com/hc/en-us/articles/900001527303

26	Added new REST endpoint to get withdraw address list
Description	In the past, user was only able to get the withdraw address list via Huobi official web site. Now, it's available from a newly added endpoint "GET /v2/account/withdraw/address".
Date	24-Jun-20
API Doc	https://huobiapi.github.io/docs/spot/v1/en/#query-withdraw-address
API Circular	https://huobiglobal.zendesk.com/hc/en-us/articles/900001588743

27	Added new REST endpoint to get the latest market status
Description	User is able to get the latest market status from this newly added endpoint "GET /v2/market-status", including trading halt status and cancel only status.
Date	27-Jun-20
API Doc	https://huobiapi.github.io/docs/spot/v1/en/#get-market-status

API Circular	https://huobiglobal.zendesk.com/hc/en-us/articles/900001588743
28	Supported conditional order
Description	The order margin of current stop limit order should be frozen by Huobi Global Exchange whenever this order being created, even though it hasn't triggered yet. The newly launched conditional order should not stagnate any assets before it being triggered.
Date	27-Jun-20
API Doc	https://huobiapi.github.io/docs/spot/v1/en/#conditional-order
API Circular	https://huobiglobal.zendesk.com/hc/en-us/articles/900001588743

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