Huobi Global

Spot API Service Capability Report

2020 Q1

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In Q1 2020, Huobi Global has accomplished numbers of data enhancements and service optimizations, including -

1. Introduced new API features;

2. Optimized API performance;

3. Added section "Best Practice" in API document.

Part 1. API Function Optimization

System Status

- Since 2nd Mar 2020, Huobi Global has officially launched System Status endpoint (GET https://status.huobigroup.com/api/v2/summary.json). API users are able to retrieve the Exchange system status, planned maintenance window, and incident update, through this endpoint. See API Announcement for more details. In the future, this endpoint will be continuously enhanced by Huobi Global to make information update there more transparent and more prompt.

Market Data

- Since 30th Mar 2020, Huobi Global has launched a new Websocket subscription topic to regularly update MBP (Market by Price) book in refresh message at 100ms interval, with selectable number of levels – 5, 10, or 20. Kindly take note of API Announcement.
- In the past, API users were neither able to retrieve BBO (Best Bid Offer) information from endpoint "GET /market/tickers", nor get a market snapshot for all symbols from endpoint "GET /market/detail/merged". Since 12th Mar 2020, the BBO information had been appended to endpoint "GET /market/tickers", so that API users should be able to retrieve a market summary snapshot including best bid/offer data, for all symbols in one-go. See API Announcement for more details.

- As a Websocket subscription topic, MBP (Market by Price) incremental update API was launched some time ago, but only 19 cryptocurrency pairs were selectable. Since 23rd Mar 2020, except these 19 symbols, additional 20 symbols become selectable for subscription. See API Announcement for more details. In the future, relying on system capacity and network capacity, there should be more and more cryptocurrency pairs opening to the selectable list, till all tradable symbols.

User's Account

- Since 8th Jan 2020, Huobi Global had granted the endpoint "GET /v1/account/history" access for sub users. See API Announcement for more details.
- Since 31st Mar 2020, Huobi Global has launched another account ledger endpoint, dedicated for transfer history querying. Inside each record, transferer or transferee's account ID are in place. Kindly take note of API Announcement.
- In the past, while API user subscribed to account update topic v2 "accounts.update#${mode}", he/she had to wait for the upcoming account change in order to get the latest account balance update and/or available balance update. Since 27th Mar 2020, Huobi Global is changing this data behavior. At the beginning of subscription, API user should be firstly receiving the current account image, including both account balance and available balance, before the upcoming account change updates (if any). See API Announcement for more details. Kindly take note of that, post this enhancement, Huobi Global will decommission the existing account update subscription topic "accounts", as well as the REQ channel "account.list" in Websocket API, on 30th Apr 2020.

Order and Trade

- Base on some API user's feedback, Huobi Global had included two more request parameters - start-time & end-time, in existing historical order querying endpoint "GET /v1/order/orders", in order to get a better order list based on accurate searching conditions. See API Announcement for more details.
- Huobi Global has supported API user to place order based on client order ID for a quite long time. But, the order querying endpoints were not well supporting this

important field. Since 5th Feb 2020, Huobi Global had included client-order-id in a list of endpoints, to ease order mapping by API users. See API Announcement for more details.

- Since 17th Mar 2020, Huobi Global had expanded the maximum number of items in single page, from prior 100 to 500, for trade history query endpoint. See API Announcement for more details.

- Based on quite a number of API users' feedback, Huobi Global had replaced previous transaction fee query endpoint v1 "GET /v1/fee/fee-rate/get" by transaction fee query endpoint v2 "GET /v2/reference/transact-fee-rate", since 5th Feb 2020. The new version endpoint reverts not only basic fee rate but also deducted fee rate applicable for a specific user. See API Announcement for more details.

- Since 30th Mar 2020, Huobi Global has launched new order type - FOK (fill or kill) order. If a FOK order can't be fully matched with counter party just at submission, it will be fully cancelled at once. See API Announcement for more details.

- Since 3rd Apr 2020, Huobi Global has launched a new version order update subscription topic in Websocket v2 API. This topic is no longer aggregating the multiple trades of a taker's order into a single trade. Instead, it sends down those multiple trades in tick by tick mode. Post a month of this launch on 15th May 2020, Huobi Global will decommission the existing two subscription topics "orders.$symbol" and "orders.$symbol.update", as well as another two query channels in the Websocket v1 API - "order.list" and "order.detail". Kindly take note of API Announcement about this change.

Margin Loan

- Since 10th Jan 2020 and 3rd Feb 2020 respectively, Huobi Global had enhanced the existing loan interest query endpoint "GET /v1/cross-margin/loan-info" and "GET /v1/margin/loan-info". The two endpoints therefore are able to revert not only the basic interest rate but also deducted interest applicable for a specific user. See API Announcement 1 and API Announcement 2 for more details.

- Since 28th Feb 2020, Huobi Global had officially opened cross margin market to API sub users. See API Announcement for more details.

Part 2: API Performance Optimization

- The round trip delay between order submission/cancellation and the receipt of response has been reduced around 30%.
- The round trip delay between order submission and the receipt of Websocket order update has been reduced around 40%.

Part 3: API Document Optimization

API Best Practice

- Huobi Global continuously improves the official API document. A new section "Best Practice" has been launched in the document, to bring new API users a quick start guide, and to make it clear to all API users what are the Exchange recommended API practice, as a standard. Kindly take note of upcoming update at [Huobi Official Web Site](#).