

# Huobi API Change Notification

Notification: Huobi Global is going to support conditional order in API

## Content:

Dear API user,

Since the effective date of this notification, Huobi Global will support conditional order.

Effective Date: 27 Jun, 2020 (GMT+8)

All the changes will be updated on <https://huobiapi.github.io/docs/spot/v1/en/>

Huobi Global

28 Jun, 2020 (GMT+8)

## Change Details

Currently, Huobi Global is supporting stop limit order. Since the effective date of this notification, Huobi Global will be supporting conditional order. By comparing with the existing stop limit order, the newly introduced conditional order does have following obvious differences:

- 1) The newly introduced conditional order is also triggered by stop price. But before it being triggered, the Exchange will not lock its order margin for it. Only when this conditional order being successfully triggered, its order margin will be locked.
- 2) Conditional order does support not only limit order type but also market order type.

After the official launch of conditional order, Huobi Global might be decommission the existing stop order. This will be notified through another circular.

## **Place a conditional order**

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POST /v2/algo-orders

API Key Permission: Trade

Rate Limit (NEW): 20times/2sec

## **Request Parameter**

<b>Field</b>	<b>Data Type</b>	<b>Mandatory</b>	<b>Default Value</b>	<b>Description</b>	<b>Valid Value</b>
accountId	integer	TRUE		Account ID	
symbol	string	TRUE		Trading symbol	
orderPrice	string	FALSE		Order price (invalid for market order)	
orderSide	string	TRUE		Order side	buy,sell
orderSize	string	FALSE		Order size (invalid for market buy order)	
orderValue	string	FALSE		Order value (only valid for market buy order)	

Field	Data Type	Mandatory	Default Value	Description	Valid Value
timeInForce	string	FALSE	gtc for orderType=limit; ioc for orderType=market	Time in force	gtc (invalid for orderType=market), boc (invalid for orderType=market), ioc, fok (invalid for orderType=market)
orderType	string	TRUE		Order type	limit,market
clientOrderId	string	TRUE		Client order ID (max length 64-char)	
stopPrice	string	TRUE		Stop price	
source	string	TRUE		Order source	api

Note:

- The gap between orderPrice and stopPrice shouldn't exceed the price limit ratio. For example, if a limit buy order's price couldn't be higher than 110% of market price, this limitation should be also applicable to orderPrice/stopPrice ratio.
- User has to make sure the clientOrderId's uniqueness. While the conditional order being triggered, if the clientOrderId is duplicated with another order (within 24hour) coming from same user, the conditional order will fail triggering.

## Response Content

Field	Data Type	Mandatory	Description
code	integer	TRUE	Status code
message	string	FALSE	Error message (if any)
data	object	TRUE	
{ clientId	string	TRUE	Client order ID
errCode	integer	FALSE	Status code in case of order creation failure (only valid in case of order creation failure)
errMessage }	string	FALSE	Error message in case of order creation failure (only valid in case of order creation failure)

## Cancel conditional orders (before triggering)

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POST /v2/algo-orders/cancellation

API Key Permission: Trade

Rate Limit (NEW): 20times/2sec

## Request Parameter

Field	Data Type	Mandatory	Default Value	Description	Valid Value
clientOrderIds	string[]	TRUE		Client order ID (maximum 50 orders are allowed, separated by comma)	

## Response Content

Field	Data Type	Mandatory	Description
code	integer	TRUE	Status code
message	string	FALSE	Error message (if any)
data	object	TRUE	
{ accepted	string[]	FALSE	Accepted clientOrderId list
rejected }	string[]	FALSE	Rejected clientOrderId list

## Query open conditional orders (before triggering)

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GET /v2/algo-orders/opening

API Key Permission: Read

Rate Limit (NEW): 20times/2sec

Search by orderOrigTime

### Request Parameter

Field	Data Type	Mandatory	Default Value	Description	Valid Value
accountId	integer	FALSE	all	Account ID	
symbol	string	FALSE	all	Trading symbol	
orderSide	string	FALSE	all	Order side	buy,sell
orderType	string	FALSE	all	Order type	limit,market
sort	string	FALSE	desc	Sorting order	asc, desc
limit	integer	FALSE	100	Maximum number of items in one page	[1,500]

Field	Data Type	Mandatory	Default Value	Description	Valid Value
fromId	long	FALSE		First record ID in this query (only valid for next page querying)	

## Response Content

Field	Data Type	Mandatory	Description
code	integer	TRUE	Status code
message	string	FALSE	Error message (if any)
data	object	TRUE	In ascending/descending order defined in 'sort'
{ accountId	integer	TRUE	Account ID
source	string	TRUE	Order source (api,web,ios,android,mac,windows,sys)
clientOrderId	string	TRUE	Client order ID



<b>Field</b>	<b>Data Type</b>	<b>Mandatory</b>	<b>Description</b>
symbol	string	TRUE	Trading symbol
orderPrice	string	TRUE	Order price (Invalid for market order)
orderSize	string	FALSE	Order size (Invalid for market buy order)
orderValue	string	FALSE	Order value (only valid for market buy order)
orderSide	string	TRUE	Order side
timeInForce	string	TRUE	Time in force
orderType	string	TRUE	Order type
stopPrice	string	TRUE	Stop price
orderOrigTime	long	TRUE	Order original time
lastActTime	long	TRUE	Order last activity time

Field	Data Type	Mandatory	Description
orderStatus }	string	TRUE	Order status (submitted)
nextId	long	TRUE	First record ID in next page (only valid if exceeded page size)

## Query conditional order history

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GET /v2/algo-orders/history

API Key Permission: Read

Rate Limit (NEW): 20times/2sec

Search by orderOrigTime

### Request Parameter

Field	Data Type	Mandatory	Default Value	Description	Valid Value
accountId	integer	FALSE	all	Account ID	
symbol	string	TRUE		Trading symbol	

Field	Data Type	Mandatory	Default Value	Description	Valid Value
orderSide	string	FALSE	all	Order side	buy,sell
orderType	string	FALSE	all	Order type	limit,market
orderStatus	string	TRUE		Order status	canceled,rejected,triggered
startTime	long	FALSE		Farthest time	
endTime	long	FALSE	current time	Nearest time	
sort	string	FALSE	desc	Sorting order	asc, desc
limit	integer	FALSE	100	Maximum number of items in one page	[1,500]
fromId	long	FALSE		First record ID in this query (only valid for next page querying)	

## Response Content

<b>Field</b>	<b>Data Type</b>	<b>Mandatory</b>	<b>Description</b>
code	integer	TRUE	Status code
message	string	FALSE	Error message (if any)
data	object	TRUE	In ascening/descending order defined in 'sort'
{ accountId	integer	TRUE	Account ID
source	string	TRUE	Order source
clientOrderId	string	TRUE	Client order ID
orderId	string	FALSE	Order ID (if any)
symbol	string	TRUE	Trading symbol
orderPrice	string	TRUE	Order price (Invalid for market order)
orderSize	string	FALSE	Order size (Invalid for market buy order)

<b>Field</b>	<b>Data Type</b>	<b>Mandatory</b>	<b>Description</b>
orderValue	string	FALSE	Order value (only valid for market buy order)
orderSide	string	TRUE	Order side
timeInForce	string	TRUE	Time in force
orderType	string	TRUE	Order type
stopPrice	string	TRUE	Stop price
orderOrigTime	long	TRUE	Order original time
lastActTime	long	TRUE	Order last activity time
orderCreateTime	long	FALSE	Order trigger time (only valid for orderStatus=triggered)
orderStatus	string	TRUE	Order status (triggered,canceled,rejected)
errCode	integer	FALSE	Status code in case of order triggering failure (only valid for orderStatus=rejected)

Field	Data Type	Mandatory	Description
errMessage }	string	FALSE	Error message in case of order triggering failure (only valid for orderStatus=rejected)
nextId	long	FALSE	First record ID in next page (only valid if exceeded page size)

Note:

- orderStatus=triggered, conditional order has been successfully triggered; orderStatus=rejected, conditional order failed triggering; orderStatus=canceled, conditional order has been canceled before its triggering.
- Once a conditional order is triggered, user should refer to the series of /v1/order/ endpoints to check it latest status or to cancel it. The conditional order's status will be stale if querying from this endpoint, once it being successfully triggered.

## What are the Impacts on You, and What You Need to Do?

API users should evaluate the business impact caused by the new endpoints, further to make relevant change in client's application, if needed. All the changes will be updated on [Huobi API Docs](#) on the effective date.