

Cancel on Disconnect

REQUEST `wss://ws-auth.kraken.com/v2` `cancel_all_orders_after`

Authentication Required

`cancel_all_orders_after` provides a "Dead Man's Switch" mechanism to protect from network malfunction, extreme latency or unexpected matching engine downtime.

- The client sends request with a timeout (in seconds), that will start a countdown timer in the trading engine which will cancel all client orders when the timer expires.
- The client must keep sending new requests to reset the trigger time, or deactivate the mechanism by specifying a timeout of 0.
- If the timer expires, all orders in the account are cancelled and the feature is disabled until the next `cancel_all_orders_after` request.
- The recommended use is to make a call every 15 to 30 seconds, providing a timeout of 60 seconds. This allows the client to keep the orders in place in case of a brief disconnection or transient delay, while keeping them safe in case of a network breakdown.

INFO

It is recommended to disable the timer ahead of scheduled trading engine maintenance (if the timer is enabled, all orders will be cancelled when the trading engine comes back from downtime).

Request

Request Schema Example

MESSAGE BODY

method	string	REQUIRED
Value:	<code>cancel_all_orders_after</code>	
params	object	
timeout	integer	REQUIRED
Duration (in seconds) to set/extend the timer, it should be less than <code>86400</code> seconds.		

— token string	REQUIRED
This is a authenticated channel, a session token is required. See guides on how to generate a token via REST.	
— req_id integer	
Optional client originated request identifier sent as acknowledgment in the response.	

Response

Response Schema	Example
MESSAGE BODY	
— method string	
Value: <code>cancel_all_orders_after</code>	
— result object	CONDITIONAL
Condition: On successful requests only	
— currentTime string	
Format: RFC3339	
Example: 2022-12-25T09:30:59.123456Z	
The current engine time.	
— triggerTime string	
Format: RFC3339	
Example: 2022-12-25T09:30:59.123456Z	
The time the orders will be expired in the engine.	
— warnings array of strings	
An advisory message, highlighting deprecated fields or upcoming changes to the request.	
— error string	CONDITIONAL
Condition: On unsuccessful requests only	
The error message for a rejected request.	
— success boolean	
Possible values: <code>true</code> , <code>false</code>	
Indicates if the request was successfully processed by the engine.	
— req_id integer	

Optional client originated request identifier sent as acknowledgment in the response.

— **time_in** string

Format: RFC3339

Example: 2022-12-25T09:30:59.123456Z

The timestamp when the request was received on the wire, just prior to parsing data.

— **time_out** string

Format: RFC3339

Example: 2022-12-25T09:30:59.123456Z

The timestamp when the response was sent on the wire, just prior to transmitting data.