

Margin Service API - Transaction - Update

The update transaction request updates attributes of an existing transaction in the CME CORE database.

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Description

The request allows the Client to update an already added transaction to CME CORE ([Add Transaction](#)). Multiple transactions can be updates in a single request using this request where transactions can be created, updated and deleted but to a single portfolio. The Client must specify the unique CME CORE-assigned portfolio identifier. For every transaction created the required attributes must be specified. For every transaction being updated the required attributes along with the system internal identifier must be specified. And for every transaction deleted, the internal identifier of the transaction must be specified. The server will return a request identifier which can be used for tracking status.

Multiple transactions can be updated within one message. If `processingMode="COMPLETE"` then all transactions must pass validation, or none will be updated. If `processingMode="PARTIAL"` then transactions that are invalid will not be updated, but any valid transactions will be unaffected. Should this happen, the response will have `/transactionRpt@status="SUCCESS_WITH_ERRORS"` and `/transactionRpt/transaction/error@code` and `/transactionRpt/transaction/error@msg` present for each transaction that failed.

Entity	Transaction
Action	Update
URL	/transactions/{id}
HTTP Method	PUT
Parameter Input	No
XML Input	Yes
Multiple Output	No
Synchronous	Yes

Request

XPath	Name	Type	Required	Notes
/transactionReq@reqUserId	Requesting User ID	String	No	
/transactionReq@processingMode	Processing Mode	Processing Mode	No	
/transactionReq/transaction@id	ID	String	Yes	
/transactionReq/transaction@portfolioId	Portfolio ID	String	Yes	
/transactionReq/transaction@type	Transaction Type	Transaction Type	Yes	
/transactionReq/transaction/payload@encoding	Payload Encoding	Transaction Encoding	Yes	
/transactionReq/transaction/payload@format	Payload Format	Transaction Format	Yes	
/transactionReq/transaction/payload/string	String Payload	String	Yes	

Response

XPath	Name	Type	Required	Notes
/transactionRpt@status	Status	Sync Report Status	Yes	
/transactionRpt/error@code	Error Code	String	No	
/transactionRpt/error@msg	Error Message	String	No	
/transactionRpt/transaction@createTime	Create Time	Date/Time	Yes	
/transactionRpt/transaction@id	ID	String	Yes	
/transactionRpt/transaction@portfolioId	Portfolio ID	String	Yes	
/transactionRpt/transaction@status	Entity Status	Entity Status	Yes	
/transactionRpt/transaction@type	Transaction Type	Transaction Type	Yes	

/transactionRpt/transaction@updateTime	Update Time	Date/Time	Yes	
/transactionRpt/transaction/error@code	Error Code	String	No	
/transactionRpt/transaction/error@msg	Error Message	String	No	
/transactionRpt/transaction/payload@encoding	Payload Encoding	Transaction Encoding	Yes	
/transactionRpt/transaction/payload@format	Payload Format	Transaction Format	Yes	
/transactionRpt/transaction/payload/string	String Payload	String	Yes	

Errors

Code	Description
403	Returned if the user does not have permission to access the specified transaction.
404	Returned if the requested transaction could not be found.
500	The server was not able to process the request. More information (if available) will be provided in the error message.

Examples

Basic

Request

```
PUT /transactions/{transaction id}
```

```
<transactionReq>
  <transaction id="123" portfolioId="1234" type="TRADE">
    <payload encoding="STRING" format="FIXML">
      <string><![CDATA[<FIXML><!-- TrdCaptRpt goes here --></FIXML>]]></string>
    </payload>
  </transaction>
</transactionReq>
```

Response

```
<transactionRpt>
  <transaction id="123" portfolioId="1234" type="TRADE" createTime="2013-01-09 10:01:02" updateTime="2013-01-09 10:02:10" status="UPDATED">
    <payload encoding="STRING" format="FIXML">
      <string><![CDATA[<FIXML><!-- TrdCaptRpt goes here --></FIXML>]]></string>
    </payload>
  </transaction>
</transactionRpt>
```