

Margin Service API - Requests

Use any of the following Requests:

- [Margin Service API - ALL-IN-ONE Call](#)
- [Margin Service API - Margin - Calculate](#)
- [Margin Service API - Margin - Get](#)
- [Margin Service API - Margin - List](#)
- [Margin Service API - Optimize - Calculate](#)
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- [Margin Service API - Portfolio - Add](#)
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- [Margin Service API - Status - Get](#)
- [Margin Service API - Transaction - Add](#)
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- [Margin Service API - Transaction - List](#)
- [Margin Service API - Transaction - Update](#)
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Entity	Action	URL	HTTP Method	Input		Output		Synchronous	Description
				Parameters	XML	Multiple			
Margin	Calculate	/margins	POST	No	Yes	No	No	No	The calculate margin request performs a margin calculation on an existing portfolio with optional additional transactions.
	Get	/margins/{id}	GET	Yes	No	No	Yes	Yes	The get margin request returns the status and results of a margin request by its identifier.
	List	/margins	GET	Yes	No	Yes	Yes	Yes	The list margins request returns the status and results of margin requests based on query parameters.
Optimize	Calculate	/optimize	POST	No	Yes	No	No	No	<div style="border: 1px solid #ccc; padding: 5px;"> <p>Margin Service API - Optimize - Calculate</p> <p>The calculate optimize request performs an optimize calculation on an existing portfolio. Optimize in this context specifically refers to the CME Optimizer algorithm/tool, which identifies appropriate interest rate listed derivative products which can offset CME-clearing OTC IRS product, thereby producing portfolio margin efficiencies. For more information regarding the Optimizer deployable software see here. For more information about CME's portfolio margin program for interest rate products see here.</p> </div>
	Get	/optimize/{id}	GET	Yes	No	No	Yes	Yes	<div style="border: 1px solid #ccc; padding: 5px;"> <p>Margin Service API - Optimize - Get</p> <p>The get optimize request returns the status and results of an optimize request by its identifier.</p> </div>
Portfolio	Add	/portfolios	POST	No	Yes	No	Yes	Yes	The add portfolio request creates a new portfolio into the CME CORE database.
	Delete	/portfolios/{id}	DELETE	Yes	No	No	Yes	Yes	The add portfolio request deletes an existing portfolio and its associated content in the CME CORE database.
	Get	/portfolios/{id}	GET	Yes	No	No	Yes	Yes	The get portfolio request returns a portfolio from the CME CORE database by its identifier.
	List	/portfolios	GET	Yes	No	Yes	Yes	Yes	The list portfolios request returns a list of portfolios from the CME CORE database based on search criteria.
	Update	/portfolios/{id}	PUT	No	Yes	No	Yes	Yes	The update portfolio request updates attributes of an existing portfolio into the CME CORE database.
Transaction	Add	/transactions	POST	No	Yes	No	Yes	Yes	The add transaction request creates a new transaction in the CME CORE database.

Delete	/transactions/{id}	DELETE	Yes	No	No	Yes	The delete transaction request deletes a transaction from the CME CORE database.
Get	/transactions/{id}	GET	Yes	No	No	Yes	The get margin request returns the transaction by its identifier.
List	/transactions	GET	Yes	No	Yes	Yes	The list transactions request returns transactions for a portfolio based on search criteria.
Update	/transactions/{id}	PUT	No	Yes	Yes	Yes	The update transaction request updates attributes of an existing transaction in the CME CORE database.