

AutoCert+ CME Margin Service API User Manual

24 Aug 2016

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Getting Started

The AutoCert+ tool is an automated testing tool for validating application functionality. It provides an easy-to-use web interface for walking through CME Group certification scenarios.

To facilitate the process of connecting a customer application to Margin Services API, CME Group provides a dedicated certification environment to allow customers to test their systems before they complete certification.

The AutoCert+ Margin Service API test suite verifies [Portfolio Tests](#), [Transaction Tests](#), [Margin Tests](#) and [ALL-IN-ONE Call Tests](#).

To run and navigate AutoCert+:

1. [Log into](#) the automated certification tool.
2. Review general AutoCert+ test suite [navigation](#) and [general interview](#) information.
3. Complete the [Interview](#) for this test suite.
4. Complete applicable test cases.
5. Complete the certification process from the [Post Certification](#) tab.

What's New

The list below illustrates the updates made to the AutoCert+ Margin Service API Help system.

Date	Author	Topic	Description
24 August 2016	EE		Converted online Webhelp to HTML5 format.
13 October 2014	JJ		Added Feedback feature
31 May 2014	JK	All	New Help System

Interview

The interview consists of a series of questions about your application. You must complete the pre-certification interview before running the test cases.

All scenarios / test cases are required, however, the message structure and format will change based on the Instruments selected by the client.

See also:

- [Scenarios / Test Cases](#)
- [Test Suite](#)

Current Testing Configuration

Designated Contract Market: CME Group

System Profile: Margin API - Susovan - Automated Trading S

Test Suite: MARGIN API

SenderComp : E19389 ASSIGN

Company Name: QA

Tester : Roshan Prabhakar

Test Suite Status:

Pre-Certification Interview : Complete

Test Suite Status: In Progress

[MARGIN API Online Help](#)

Interview
Test Suite
Test Case
Post Certification

Does your firm already use other CME GROUP APIs? If so, users may choose to use existing FPML/FIXML message payload to interface with Margin API. If not, we recommend users model portfolios in the .csv format provided in the technical interface spec. Based on this information, please select which approach your firm will take building out to Margin API.

☒ FPML (OTC IRS Products)

☒ FIXML (Futures and Options, OTC CDS and FX)

☒ CSV (All CME Group Products)

What types of Instruments will your system support?

☒ Futures Options

☒ Forwards

☒ CDS

☒ Interest Rate Swaps - OIS trades

☒ Interest Rate Swaps - Vanilla trades

☒ Interest Rate Swaps - Zero Coupon trades

☒ Interest Rate Swaps - FRA trades

☒ Interest Rate Swaps - Basis trades

☒ Interest Rate Swaps - Delta Ladder

☒ Interest Rate Swaps

Will your application be supporting Margin Service API ALL-IN-ONE Call functionality?

☒ Yes

☐ No

Complete

Answer each interview question and click **Complete** when finished.

▶ **To complete the interview process:**

1. For the question "Does your firm already use other CME GROUP APIs?" select one or more options.

2. For the question "What type of instruments will your system support?" select one or more options. The response determines how many tests will be required for the **Transaction–Add** and **Margin Service API ALL-IN-ONE Call** test sequences.
3. For the question "Will your application be supporting Margin Service API ALL-IN-ONE Call functionality?" select "Yes" or "No."

Scenarios / Test Cases

The following Scenarios/ Test cases are mandatory irrespective of the instrument selected by the client. However, the message structure and format will change based on the Instruments selected by the client.

1. Portfolio
 - Add
 - Delete
 - Get
 - Update
 - List
2. Transactions
 - Add
 - Delete
 - Get
 - Update
 - List
3. Margins
 - Calcualte
 - Get
 - List
4. ALL-IN-ONE Call

Test Suite

Certification test sequence for AutoCert+ Margin Services API.

Interview	Test Suite	Test Case	Post Certification			
MARGIN API Certification Tests			Retest	Flag	Status	Mandatory/Optional
Margin Service API - Portfolio - Add					Not Tested	Mandatory
Margin Service API - Portfolio - Delete					Not Tested	Mandatory
Margin Service API - Portfolio - Get					Not Tested	Mandatory
Margin Service API - Portfolio - List					Not Tested	Mandatory
Margin Service API - Portfolio - Update					Not Tested	Mandatory
Margin Service API - Transaction - Add - Futures					Not Tested	Mandatory
Margin Service API - Transaction - Add - FX Forwards					Not Tested	Mandatory
Margin Service API - Transaction - Add Bulk Transactions					Not Tested	Mandatory
Margin Service API - Transaction - Add - FRA					Not Tested	Mandatory
Margin Service API - Transaction - Add - Vanilla					Not Tested	Mandatory
Margin Service API - Transaction - Add - Basis					Not Tested	Mandatory
Margin Service API - Transaction - Add - OIS					Not Tested	Mandatory
Margin Service API - Transaction - Add - Vanilla VNS					Not Tested	Mandatory
Margin Service API - Transaction - Add - Zero Coupon					Not Tested	Mandatory
Margin Service API - Transaction - Add - CDS					Not Tested	Mandatory
Margin Service API - Transaction - Add - Futures for PM					Not Tested	Mandatory
Margin Service API - Transaction - Add - IRS for PM					Not Tested	Mandatory
Margin Service API - Transaction - Simple Upload for CDS					Not Tested	Mandatory
Margin Service API - Transaction - Simple Upload for OTCFX					Not Tested	Mandatory
Margin Service API - Transaction - Add - Delta Ladder					Not Tested	Mandatory
Margin Service API - Transaction - Trade Register for IRS					Not Tested	Mandatory
Margin Service API - Transaction - Delete					Not Tested	Mandatory
Margin Service API - Transaction - Update					Not Tested	Mandatory
Margin Service API - Transaction - Get					Not Tested	Mandatory
Margin Service API - Transaction - List					Not Tested	Mandatory
Margin Service API - Margins - Calculate					Not Tested	Mandatory
Margin Service API - Margins - Get					Not Tested	Mandatory
Margin Service API - Margins - List					Not Tested	Mandatory
Margin Service API - Margin Service API ALL-IN-ONE Call - CDS					Not Tested	Mandatory
Margin Service API - Margin Service API ALL-IN-ONE Call - Delta Ladder					Not Tested	Mandatory
Margin Service API - Margin Service API ALL-IN-ONE Call - IRS					Not Tested	Mandatory
Margin Service API - Margin Service API ALL-IN-ONE Call - Foreign Exchange					Not Tested	Mandatory
Margin Service API - Margin Service API ALL-IN-ONE Call - Futures and Options					Not Tested	Mandatory
Margin Service API - Margin Service API ALL-IN-ONE Call - Zero Coupon					Not Tested	Mandatory
Margin Service API - Margin Service API ALL-IN-ONE Call - Vanilla VNS					Not Tested	Mandatory
Margin Service API - Margin Service API ALL-IN-ONE Call - FRA					Not Tested	Mandatory
Margin Service API - Margin Service API ALL-IN-ONE Call - Basis					Not Tested	Mandatory
Margin Service API - Margin Service API ALL-IN-ONE Call - Vanilla					Not Tested	Mandatory

Portfolio Tests

Perform tests for these portfolio functions:

- [Add](#)
- [Delete](#)
- [Get](#)
- [List](#)
- [Update](#)

Portfolio – Add

This test verifies [adding a new](#) portfolio. The required attributes for a new portfolio are submitted, and followed by server validation of the request.

This test is mandatory for all [Interview](#) responses.

Test Suite **Test Case** Post Certification

Steps of the test: Margin Service API - Portfolio - Add

This test could take up to several minutes. Please do not close the window during the test. Closing window/stopping test requires to rerun the test from step1.

Purpose
The purpose of this test case is to ADD a new portfolio. The Client must submit the required attributes for a new portfolio following which the server validates the request.

Note: Press the Start Test button to start or restart a Test. Please do not press the Start Test button again if you are currently running this test.

START TEST

Description	Flag	Status
1 Submit a message to add a portfolio for a particular customer under a particular Clearing Member		Not Tested
2 Receive and process response from Margin API		Not Tested

Key: not tested complete pending failed

REFRESH

To test Portfolio – Add:

1. Select SenderComp that matches assigned Margin API login.
2. Click **Start Test**.
3. Submit a request to [add a portfolio](#).
4. Receive and process [response](#).
5. Click **Refresh** to review results.

Portfolio – Delete

This test verifies [portfolio deletion](#).

This test is mandatory for all [Interview](#) responses.

Test Suite
Test Case
Post Certification

Steps of the test: Margin Service API - Portfolio - Delete

This test could take up to several minutes. Please do not close the window during the test. Closing window/stopping test requires to rerun the test from step1.

Purpose
The purpose of this test case is to delete a portfolio. The Client must here submit the required attributes for deleting a portfolio following which the server validates the request.

Note: Press the Start Test button to start or restart a Test. Please do not press the Start Test button again if you are currently running this test.
START TEST

Description	Flag	Status
1 After submitting portfolio Delete request, receive and process response from Margin API		Not Tested

Key: not tested complete pending failed

REFRESH

To test Portfolio – Delete:

1. Select SenderComp that matches assigned Margin API login.
2. Click **Start Test**.
3. Following submission of a [Delete request](#), receive and process the [response](#).

Note: Submitted request is not an xml message, it is an HTTPS call.

4. Click **Refresh** to review results.

Portfolio – Get

This test verifies a client can [get a portfolio](#).

This test is mandatory for all [Interview](#) responses.

Test Suite
Test Case
Post Certification

Steps of the test: Margin Service API - Portfolio - Get

This test could take up to several minutes. Please do not close the window during the test. Closing window/stopping test requires to rerun the test from step1.

Purpose
The purpose of this test case is to GET a portfolio from CME CORE. The Client must submit the required attributes for getting a portfolio following which the server validates the request.

Note: Press the Start Test button to start or restart a Test. Please do not press the Start Test button again if you are currently running this test.
START TEST

Description	Flag	Status
1 After submitting portfolio Get request, receive and process response from Margin API		Not Tested

Key: not tested complete pending failed

REFRESH

To test Portfolio – Get:

1. Select SenderComp that matches assigned Margin API login.
2. Click **Start Test**.
3. Following submission of a [Get request](#), receive and process the [response](#).

Note: Submitted request is not an xml message, it is an HTTPS call.

4. Click **Refresh** to review results.

Portfolio – List

This test verifies a client can [obtain the list of portfolios](#) under a Clearing Member.

This test is mandatory for all [Interview](#) responses.

Test Suite
Test Case
Post Certification

Steps of the test: Margin Service API - Portfolio - List

This test could take up to several minutes. Please do not close the window during the test. Closing window/stopping test requires to rerun the test from step1.

Purpose
The purpose of this test case is to get the LIST of portfolios under a Clearing Member. The Client must submit the required attributes for getting a portfolio following which the server validates the request.

Note: Press the Start Test button to start or restart a Test. Please do not press the Start Test button again if you are currently running this test.
START TEST

Description	Flag	Status
1 After submitting portfolio List request, receive and process response from Margin API		Not Tested

Key: not tested complete pending failed

REFRESH

To test Portfolio – List:

1. Select SenderComp that matches assigned Margin API login.
2. Click **Start Test**.
3. Following submission of a [List request](#), receive and process the [response](#).

Note: Submitted request is not an xml message, it is an HTTPS call.

4. Click **Refresh** to review results.

Portfolio – Update

This test verifies a client can [update a portfolio](#).

This test is mandatory for all [Interview](#) responses.

Test Suite
Test Case
Post Certification

Steps of the test: Margin Service API - Portfolio - Update

This test could take up to several minutes. Please do not close the window during the test. Closing window/stopping test requires to rerun the test from step1.

Purpose
The purpose of this test is to verify that the system can successfully submit a message to update the details of a portfolio

Note: Press the Start Test button to start or restart a Test. Please do not press the Start Test button again if you are currently running this test.
START TEST

Description	Flag	Status
1 Submit a message to update a portfolio for a particular customer under a particular Clearing Member		Not Tested
2 Receive and process response from Margin API		Not Tested

Key: not tested complete pending failed

REFRESH

▶ To test Portfolio – Update:

1. Select SenderComp that matches assigned Margin API login.
2. Click **Start Test**.
3. Submit a request to [update a portfolio](#).
4. Receive and process [response](#).
5. Click **Refresh** to review results.

Transaction Tests

Perform tests for these transaction functions:

- [Add Utilizing FIXML Format](#)
- [Add Bulk Transaction](#)
- [Add Utilizing FpML Format](#)
- [Add CDS \(Utilizing FIXML\)](#)
- [Add Utilizing CSV Format](#)
- [Delete](#)
- [Update](#)
- [Get](#)
- [List](#)

Transaction – Add Utilizing FIXML

Perform tests for Transaction – Add utilizing FIXML:

- [Futures and Options](#)
- [FX Forwards](#)

Transaction – Add Utilizing FIXML Format – Futures and Options

This test verifies successful addition of a Futures and Options transaction to an existing portfolio using any valid payload.

This test is mandatory when the [Interview](#) responses are:

- Does your firm already use other CME GROUP APIs? **FIXML (Futures and Options, OTC CDS and FX)**
- What types of Instruments will your system support? **Futures and Options**

Test Suite
Test Case
Post Certification

Steps of the test: Margin Service API - Transaction - Add - Futures

This test could take up to several minutes. Please do not close the window during the test. Closing window/stopping test requires to rerun the test from step 1.

Purpose
The purpose of this test is to verify that the system can successfully ADD a Futures transaction to an already existing portfolio using any valid payload

Note: Press the Start Test button to start or restart a Test. Please do not press the Start Test button again if you are currently running this test.

START TEST

Description	Flag	Status
1 Submit a request message to add a Futures Transaction into an already existing portfolio		Not Tested
2 Receive and process acknowledgement from Margin API		Not Tested

Key: not tested complete pending failed

REFRESH

▶ To test Transaction – Add Futures and Options utilizing FIXML:

1. Select SenderComp that matches assigned Margin API login.
2. Click **Start Test**.
3. Submit a [request](#) to add a Futures and Options transaction into an existing portfolio.
4. Receive and process [response](#).
5. Click **Refresh** to review results.

Examples:

- [Request](#)
- [Response](#)

Transaction – Add Utilizing FIXML Format – FX Forwards

This test verifies successful addition of an FX Forwards transaction to an existing portfolio using any valid payload.

This test is mandatory when the [Interview](#) responses are:

- Does your firm already use other CME GROUP APIs? **FIXML (Futures and Options, OTC CDS and FX)**
- What types of Instruments will your system support? **Forwards**

Test Suite
Test Case
Post Certification

Steps of the test: Margin Service API - Transaction - Add - FX Forwards

This test could take up to several minutes. Please do not close the window during the test. Closing window/stopping test requires to rerun the test from step1.

Purpose
The purpose of this test is to verify that the system can successfully ADD a FX Forwards transaction to an already existing portfolio using any valid payload

Note: Press the Start Test button to start or restart a Test. Please do not press the Start Test button again if you are currently running this test.
START TEST

Description	Flag	Status
1 Submit a request message to add a FX Forward Transaction into an already existing portfolio		Not Tested
2 Receive and process acknowledgement from Margin API		Not Tested

Key: not tested complete pending failed

REFRESH

▶ To test Transaction – Add FX Forwards utilizing FIXML:

1. Select SenderComp that matches assigned Margin API login.
2. Click **Start Test**.
3. Submit a [request](#) to add an FX Forwards transaction into an existing portfolio.
4. Receive and process [response](#).
5. Click **Refresh** to review results.

Examples:

- [Request](#)
- [Response](#)

Transaction – Add – Bulk Transaction

This test verifies successful submission of messages to add bulk transactions to the portfolio for a single type of product. Any type of product can be used. Users may add up to 1000 transactions per portfolio. Users may only add a single product type in a bulk upload (IRS, CDS, FX or Futures and Options).

This test is mandatory for all [Interview](#) responses.

Test Suite
Test Case
Post Certification

Steps of the test: Margin Service API - Transaction - Add Bulk Transactions

This test could take up to several minutes. Please do not close the window during the test. Closing window/stopping test requires to rerun the test from step1.

Purpose
The purpose of this test is to verify that the systems can successfully submit messages to add bulk transactions to the portfolio for a single type of product. This can be used for any type of product. Users may only add 1000 transactions for portfolio. Users may only add a single product type in a bulk upload (IRS, CDS, FX or Futures and Options)

Note: Press the Start Test button to start or restart a Test. Please do not press the Start Test button again if you are currently running this test.
START TEST

Description	Flag	Status
1 Submit a request message to add a Bulk Transaction into an already existing portfolio		Not Tested
2 Receive and process acknowledgement from Margin API		Not Tested

Key: not tested complete pending failed

REFRESH

▶ To test Transaction – Add for Bulk Transactions:

1. Select SenderComp that matches assigned Margin API login.
2. Click **Start Test**.
3. Submit a [request](#) to add Bulk Transactions into an existing portfolio.
4. Receive and process [response](#).
5. Click **Refresh** to review results.

Example:

- Add [Bulk Transactions](#).

Transaction – Add Utilizing FpML

Perform tests for Transaction – Add utilizing FpML:

- [FRA](#)
- [Vanilla](#)
- [Basis](#)
- [OIS](#)
- [Vanilla VNS](#)
- [Zero Coupon](#)

Transaction – Add Utilizing FpML Format – FRA

This test verifies successful addition of an FRA transaction to an existing portfolio with valid payload.

This test is mandatory when the [Interview](#) responses are:

- Does your firm already use other CME GROUP APIs? **FPML (OTC IRS Products)**
- What types of Instruments will your system support? **Interest Rate Swaps –FRA trades**

Test Suite
Test Case
Post Certification

Steps of the test: Margin Service API - Transaction - Add - FRA

This test could take up to several minutes. Please do not close the window during the test. Closing window/stopping test requires to rerun the test from step 1.

Purpose
The purpose of this test is to verify that the system can successfully ADD an FRA transaction to an already existing portfolio with valid payload

Note: Press the Start Test button to start or restart a Test. Please do not press the Start Test button again if you are currently running this test.
START TEST

	Description	Flag	Status
1	Submit a request message to add a transaction for the FRA instrument for a portfolio		Not Tested
2	Receive and process acknowledgement from Margin API		Not Tested

Key: not tested complete pending failed

REFRESH

▶ To test Transaction – Add FRA utilizing FpML:

1. Select SenderComp that matches assigned Margin API login.
2. Click **Start Test**.
3. Submit a [request](#) to add an FRA transaction into an existing portfolio.
4. Receive and process [response](#).
5. Click **Refresh** to review results.

Examples:

- Multiple transactions in FpML format:
 - [Request](#)
 - [Response](#)
- Product:
 - [Request](#)

Transaction – Add Utilizing FpML Format – Vanilla

This test verifies successful addition of a Vanilla transaction to an existing portfolio with valid payload.

This test is mandatory when the [Interview](#) responses are:

- Does your firm already use other CME GROUP APIs? **FPML (OTC IRS Products)**
- What types of Instruments will your system support? **Interest Rate Swaps – Vanilla trades**

Test Suite
Test Case
Post Certification

Steps of the test: Margin Service API - Transaction - Add - Vanilla

This test could take up to several minutes. Please do not close the window during the test. Closing window/stopping test requires to rerun the test from step1.

Purpose
The purpose of this test is to verify that the system can successfully ADD a Vanilla transaction to an already existing portfolio with a valid payload

Note: Press the Start Test button to start or restart a Test. Please do not press the Start Test button again if you are currently running this test.
START TEST

Description	Flag	Status
1 Submit a request message to add a Vanilla Transaction into an already existing portfolio		Not Tested
2 Receive and process acknowledgement from Margin API		Not Tested

Key: not tested complete pending failed

REFRESH

▶ To test Transaction – Add Vanilla utilizing FpML:

1. Select SenderComp that matches assigned Margin API login.
2. Click **Start Test**.
3. Submit a [request](#) to add a Vanilla transaction into an existing portfolio.
4. Receive and process [response](#).
5. Click **Refresh** to review results.

Examples:

- Multiple transactions in FpML format:
 - [Request](#)
 - [Response](#)
- Product:
 - [Request](#)

Transaction – Add Utilizing FpML Format – Basis

This test verifies successful addition of a Basis transaction to an existing portfolio with valid payload.

This test is mandatory when the [Interview](#) responses are:

- Does your firm already use other CME GROUP APIs? **FPML (OTC IRS Products)**
- What types of Instruments will your system support? **Interest Rate Swaps – Basis trades**

Test Suite
Test Case
Post Certification

Steps of the test: Margin Service API - Transaction - Add - Basis

This test could take up to several minutes. Please do not close the window during the test. Closing window/stopping test requires to rerun the test from step1.

Purpose
The purpose of this test is to verify that the system can successfully ADD a Basis transaction to an already existing portfolio with a valid payload

Note: Press the Start Test button to start or restart a Test. Please do not press the Start Test button again if you are currently running this test.
START TEST

Description	Flag	Status
1 Submit a request message to add a transaction for the Basis instrument for a portfolio		Not Tested
2 Receive and process acknowledgement from Margin API		Not Tested

Key: not tested complete pending failed

REFRESH

▶ To test Transaction – Add Basis utilizing FpML:

1. Select SenderComp that matches assigned Margin API login.
2. Click **Start Test**.
3. Submit a [request](#) to add a Basis transaction into an existing portfolio.
4. Receive and process [response](#).
5. Click **Refresh** to review results.

Examples:

- Multiple transactions in FpML format:
 - [Request](#)
 - [Response](#)
- Product:
 - [Request](#)

Transaction – Add Utilizing FpML Format – OIS

This test verifies successful addition of an OIS transaction to an existing portfolio with valid payload.

This test is mandatory when the [Interview](#) responses are:

- Does your firm already use other CME GROUP APIs? **FPML (OTC IRS Products)**
- What types of Instruments will your system support? **OIS**

Test Suite
Test Case
Post Certification

Steps of the test: Margin Service API - Transaction - Add - OIS

This test could take up to several minutes. Please do not close the window during the test. Closing window/stopping test requires to rerun the test from step 1.

Purpose
The purpose of this test is to verify that the system can successfully ADD an OIS transaction to an already existing portfolio with a valid payload

Note: Press the Start Test button to start or restart a Test. Please do not press the Start Test button again if you are currently running this test.
START TEST

Description	Flag	Status
1 Submit a request message to add a transaction for the OIS instrument for a portfolio		Not Tested
2 Receive and process acknowledgement from Margin API		Not Tested

Key: not tested complete pending failed

REFRESH

▶ To test Transaction – Add OIS utilizing FpML:

1. Select SenderComp that matches assigned Margin API login.
2. Click **Start Test**.
3. Submit a [request](#) to add an OIS transaction into an existing portfolio.
4. Receive and process [response](#).
5. Click **Refresh** to review results.

Examples:

- Multiple transactions in FpML format:
 - [Request](#)
 - [Response](#)
- Product:
 - [Request](#)

Transaction – Add Utilizing FpML Format – Vanilla VNS (Variable Notional Swap)

This test verifies successful addition of a Vanilla VNS transaction to an existing portfolio with valid payload.

This test is mandatory when the [Interview](#) responses are:

- Does your firm already use other CME GROUP APIs? **FPML (OTC IRS Products)**
- What types of Instruments will your system support? **Vanilla VNS**

Test Suite
Test Case
Post Certification

Steps of the test: Margin Service API - Transaction - Add - Vanilla VNS

This test could take up to several minutes. Please do not close the window during the test. Closing window/stopping test requires to rerun the test from step1.

Purpose
The purpose of this test is to verify that the system can successfully submit a Vanilla VNS transaction to an already existing portfolio with a valid payload

Note: Press the Start Test button to start or restart a Test. Please do not press the Start Test button again if you are currently running this test.

START TEST

Description	Flag	Status
1 Submit a Vanilla VNS transaction to an already existing portfolio		Not Tested
2 Receive and process acknowledgement from Margin API		Not Tested

Key: not tested complete pending failed

REFRESH

▶ To test Transaction – Add Vanilla VNS utilizing FpML:

1. Select SenderComp that matches assigned Margin API login.
2. Click **Start Test**.
3. Submit a [request](#) to add a Vanilla VNS transaction into an existing portfolio.
4. Receive and process [response](#).
5. Click **Refresh** to review results.

Examples:

- Multiple transactions in FpML format:
 - [Request](#)
 - [Response](#)
- Product:
 - [Request](#)

Transaction – Add Utilizing FpML Format – Zero Coupon

This test verifies successful addition of a Zero Coupon transaction to an existing portfolio with valid payload.

This test is mandatory when the [Interview](#) responses are:

- Does your firm already use other CME GROUP APIs? **FPML (OTC IRS Products)**
- What types of Instruments will your system support? **Interest Rate Swaps – Zero Coupon trades**

Test Suite
Test Case
Post Certification

Steps of the test: Margin Service API - Transaction - Add - Zero Coupon

This test could take up to several minutes. Please do not close the window during the test. Closing window/stopping test requires to rerun the test from step 1.

Purpose
The purpose of this test is to verify that the system can submit a Zero Coupon Transaction to an existing portfolio with a valid payload

Note: Press the Start Test button to start or restart a Test. Please do not press the Start Test button again if you are currently running this test.

START TEST

Description	Flag	Status
1 Submit a Zero Coupon Transaction to an existing portfolio		Not Tested
2 Receive and process acknowledgement from Margin API		Not Tested

Key: not tested complete pending failed

REFRESH

To test Transaction – Add Zero Coupon utilizing FpML:

1. Select SenderComp that matches assigned Margin API login.
2. Click **Start Test**.
3. Submit a [request](#) too add a Zero Coupon transaction into an existing portfolio.
4. Receive and process [response](#).
5. Click **Refresh** to review results.

Examples:

- Multiple transactions in FpML format:
 - [Request](#)
 - [Response](#)
- Product:
 - [Request](#)

Transaction – Add Utilizing FIXML Format – CDS

This test verifies successful addition of a CDS transaction to an existing portfolio using any valid payload.

This test is mandatory when the [Interview](#) responses are:

- Does your firm already use other CME GROUP APIs? **FIXML (Futures and Options, OTC CDS and FX)**
- What types of Instruments will your system support? **CDS**

Test Suite
Test Case
Post Certification

Steps of the test: Margin Service API - Transaction - Add - CDS

This test could take up to several minutes. Please do not close the window during the test. Closing window/stopping test requires to rerun the test from step1.

Purpose
The purpose of this test is to verify that the broker systems can successfully submit a CDS transaction to an existing portfolio with a valid payload

Note: Press the Start Test button to start or restart a Test. Please do not press the Start Test button again if you are currently running this test.
START TEST

Description	Flag	Status
1 Submit a CDS transaction to an existing portfolio		Not Tested
2 Receive and process acknowledgement from Margin API		Not Tested

Key: not tested complete pending failed

REFRESH

▶ To test Transaction – Add CDS utilizing FIXML:

1. Select SenderComp that matches assigned Margin API login..
2. Click **Start Test**.
3. Submit a [request](#) to add a CDS transaction into an existing portfolio.
4. Receive and process [response](#).
5. Click **Refresh** to review results.

Examples:

- [Request](#)
- [Response](#)

Transaction – Add Utilizing CSV

Perform tests for Transaction – Add utilizing CSV:

- [Futures for PM](#) (Portfolio Management)
- [IRS for PM](#) (Portfolio Management)
- [CDS](#)
- [OTC FX \(Forwards\)](#)
- [IRS Delta Ladder](#)
- [Trade Register for IRS](#)

Transaction – Add Utilizing CSV Format – Futures for Portfolio Management

This test verifies successful addition of a Futures for Portfolio Management (PM) transaction to an existing portfolio with a valid payload.

This test is mandatory when the [Interview](#) responses are:

- Does your firm already use other CME GROUP APIs? **CSV (All CME Group Products)**
- What types of Instruments will your system support? **Futures and Options**

Test Suite
Test Case
Post Certification

Steps of the test: Margin Service API - Transaction - Add - Futures for PM

This test could take up to several minutes. Please do not close the window during the test. Closing window/stopping test requires to rerun the test from step1.

Purpose
The purpose of this test is to verify that the systems can successfully Futures for PM transaction to an existing IRS portfolio with a valid payload

Note: Press the Start Test button to start or restart a Test. Please do not press the Start Test button again if you are currently running this test.
START TEST

	Description	Flag	Status
1	Submit a CSVformat request message to add a Futures Transaction into an already existing portfolio		Not Tested
2	Receive and process acknowledgement from Margin API		Not Tested

Key: not tested complete pending failed

REFRESH

▶ To test Transaction – Add Futures for PM utilizing CSV:

1. Select SenderComp that matches assigned Margin API login.
2. Click **Start Test**.
3. Submit a [request](#) to add a Futures for PM transaction into an existing portfolio.
4. Receive and process [response](#).
5. Click **Refresh** to review results.

Example:

- [Request](#)

Transaction – Add Utilizing CSV Format – IRS for Portfolio Management

This test verifies successful addition of an IRS for Portfolio Management (PM) transaction to an existing portfolio with a valid payload.

This test is mandatory when the [Interview](#) responses are:

- Does your firm already use other CME GROUP APIs? **CSV (All CME Group Products)**
- What types of Instruments will your system support? **Interest Rate Swaps**

Test Suite
Test Case
Post Certification

Steps of the test: Margin Service API - Transaction - Add - IRS for PM

This test could take up to several minutes. Please do not close the window during the test. Closing window/stopping test requires to rerun the test from step1.

Purpose
The purpose of this test is to verify that the systems can successfully add an IRS for PM transaction to an existing futures portfolio with a valid payload

Note: Press the Start Test button to start or restart a Test. Please do not press the Start Test button again if you are currently running this test.
START TEST

Description	Flag	Status
1 Submit a CSVformat request message to add an IRS Transaction into an already existing portfolio		Not Tested
2 Receive and process acknowledgement from Margin API		Not Tested

Key: not tested complete pending failed

REFRESH

▶ To test Transaction – Add IRS for PM utilizing CSV:

1. Select SenderComp that matches assigned Margin API login.
2. Click **Start Test**.
3. Submit a [request](#) to add an IRS for PM transaction into an existing portfolio.
4. Receive and process [response](#).
5. Click **Refresh** to review results.

Example:

- [Request](#)

Transaction – Add Utilizing CSV Format – Simple Upload for CDS

This test verifies successful addition of a CDS transaction to an existing portfolio using any valid payload.

This test is mandatory when the [Interview](#) responses are:

- Does your firm already use other CME GROUP APIs? **CSV (All CME Group Products)**
- What types of Instruments will your system support? **CDS**

Test Suite
Test Case
Post Certification

Steps of the test: Margin Service API - Transaction - Simple Upload for CDS

This test could take up to several minutes. Please do not close the window during the test. Closing window/stopping test requires to rerun the test from step1.

Purpose
The purpose of this test is to verify that the systems can successfully submit a upload a CDS transaction into an existing portfolio with a valid payload

Note: Press the Start Test button to start or restart a Test. Please do not press the Start Test button again if you are currently running this test.
START TEST

Description	Flag	Status
1 Submit a CSVformat request message to add an CDS Transaction into an already existing portfolio		Not Tested
2 Receive and process acknowledgement from Margin API		Not Tested

Key: not tested complete pending failed

REFRESH

▶ To test Transaction – Add CDS utilizing CSV:

1. Select SenderComp that matches assigned Margin API login.
2. Click **Start Test**.
3. Submit a [request](#) to add a CDS transaction into an existing portfolio.
4. Receive and process [response](#).
5. Click **Refresh** to review results.

Example:

- [Request](#)

Transaction – Add Utilizing CSV Format – Simple Upload for OTC FX (Forwards)

This test verifies successful addition of an OTC FX (Forwards) transaction to an existing portfolio using any valid payload.

This test is mandatory when the [Interview](#) responses are:

- Does your firm already use other CME GROUP APIs? **CSV (All CME Group Products)**
- What types of Instruments will your system support? **Forwards**

Test Suite
Test Case
Post Certification

Steps of the test: Margin Service API - Transaction - Simple Upload for OTCFX

This test could take up to several minutes. Please do not close the window during the test. Closing window/stopping test requires to rerun the test from step1.

Purpose
The purpose of this test is to verify that the systems can successfully submit a upload a CDS transaction into an existing portfolio with a valid payload

Note: Press the Start Test button to start or restart a Test. Please do not press the Start Test button again if you are currently running this test.

START TEST

Description	Flag	Status
1 Submit a CSVformat request message to add an ¿Forwards¿ Transaction into an already existing portfolio		Not Tested
2 Receive and process acknowledgement from Margin API		Not Tested

Key: not tested complete pending failed

REFRESH

▶ To test Transaction – Add OTC FX (Forwards) utilizing CSV:

1. Select SenderComp that matches assigned Margin API login.
2. Click **Start Test**.
3. Submit a [request](#) to add an OTC FX (Forwards) transaction into an existing portfolio.
4. Receive and process [response](#).
5. Click **Refresh** to review results.

Example:

- [Request](#)

Transaction – Add Utilizing CSV Format – Delta Ladder

This test verifies successful addition of a Delta Ladder transaction to an existing portfolio using any valid payload.

This test is mandatory when the [Interview](#) responses are:

- Does your firm already use other CME GROUP APIs? **CSV (All CME Group Products)**
- What types of Instruments will your system support? **Interest Rate Swap – Delta Ladder**

Test Suite
Test Case
Post Certification

Steps of the test: Margin Service API - Transaction - Add - Delta Ladder

This test could take up to several minutes. Please do not close the window during the test. Closing window/stopping test requires to rerun the test from step1.

Purpose
The purpose of this test is to verify that the system can successfully ADD a Delta Ladder transaction to an already existing portfolio

Note: Press the Start Test button to start or restart a Test. Please do not press the Start Test button again if you are currently running this test.
START TEST

Description	Flag	Status
1 Submit a message to add a Delta Ladder Transaction to an existing portfolio		Not Tested
2 Receive and process acknowledgement from Margin API		Not Tested

Key: not tested complete pending failed

REFRESH

▶ To test Transaction – Add Delta Ladder utilizing CSV:

1. Select SenderComp that matches assigned Margin API login.
2. Click **Start Test**.
3. Submit a [request](#) to add a Delta Ladder transaction into an existing portfolio.
4. Receive and process [response](#).
5. Click **Refresh** to review results.

Example:

- [Request](#)

Transaction – Add Utilizing CSV Format – Trade Register for IRS

This test verifies successful addition of a Trade Register for IRS transaction to an existing portfolio using any valid payload.

This test is mandatory when the [Interview](#) responses are:

- Does your firm already use other CME GROUP APIs? **CSV (All CME Group Products)**
- What types of Instruments will your system support? **Interest Rate Swap**

Test Suite
Test Case
Post Certification

Steps of the test: Margin Service API - Transaction - Trade Register for IRS

This test could take up to several minutes. Please do not close the window during the test. Closing window/stopping test requires to rerun the test from step 1.

Purpose
The purpose of this test is to verify that the client system can successfully register an IRS Trader

Note: Press the Start Test button to start or restart a Test. Please do not press the Start Test button again if you are currently running this test.
START TEST

Description	Flag	Status
1 Submit a request message to register a IRS trade		Not Tested
2 Receive and process acknowledgement from Margin API		Not Tested

Key: not tested complete pending failed

REFRESH

▶ To test Transaction – Add Trade Register for IRS utilizing CSV:

1. Select SenderComp that matches assigned Margin API login.
2. Click **Start Test**.
3. Submit a [request](#) to add a Trade Register for IRS transaction into an existing portfolio.
4. Receive and process [response](#).
5. Click **Refresh** to review results.

Transaction – Delete

This test verifies [transaction deletion](#) from a portfolio.

This test is mandatory for all [Interview](#) responses.

Test Suite
Test Case
Post Certification

Steps of the test: Margin Service API - Transaction - Delete

This test could take up to several minutes. Please do not close the window during the test. Closing window/stopping test requires to rerun the test from step1.

Purpose
The purpose of this test is to verify that the system can successfully DELETE a transaction from a portfolio

Note: Press the Start Test button to start or restart a Test. Please do not press the Start Test button again if you are currently running this test.

START TEST

Description	Flag	Status
1 After submitting transaction Delete request, receive and process response from Margin API		Not Tested

Key: not tested complete pending failed

REFRESH

To test Transaction – Delete:

1. Select SenderComp that matches assigned Margin API login.
2. Click **Start Test**.
3. Following submission of a transaction [Delete request](#), receive and process the [response](#).

Note: Submitted request is not an xml message, it is an HTTPS call.

4. Click **Refresh** to review results.

Transaction – Update

This test verifies [transaction update](#) under a portfolio.

This test is mandatory for all [Interview](#) responses.

Test Suite **Test Case** Post Certification

Steps of the test: Margin Service API - Transaction - Update



This test could take up to several minutes. Please do not close the window during the test. Closing window/stopping test requires to rerun the test from step1.





Purpose

The purpose of this test is to verify that the system can successfully update the transaction which is under an existing portfolio

Note: Press the Start Test button to start or restart a Test. Please do not press the Start Test button again if you are currently running this test.

START TEST

Description	Flag	Status
1 Submit a FPML message to update an existing portfolio		Not Tested
2 Receive the acknowledgement		Not Tested

Key:  not tested  complete  pending  failed

REFRESH

▶ To test Transaction – Update:

1. Select SenderComp that matches assigned Margin API login.
2. Click **Start Test**.
3. Submit a request to [update a transaction](#) under a portfolio.
4. Receive and process [response](#).
5. Click **Refresh** to review results.

Transaction – Get

This test verifies a client can [get a transaction](#) from a portfolio.

This test is mandatory for all [Interview](#) responses.

Test Suite
Test Case
Post Certification

Steps of the test: Margin Service API - Transaction - Get

This test could take up to several minutes. Please do not close the window during the test. Closing window/stopping test requires to rerun the test from step1.

Purpose
The purpose of this test is to verify that the system can successfully GET a transaction from a portfolio

Note: Press the Start Test button to start or restart a Test. Please do not press the Start Test button again if you are currently running this test.
START TEST

Description	Flag	Status
1 After submitting transaction Get request, receive and process response from Margin API		Not Tested

Key: not tested complete pending failed

REFRESH


To test Transaction – Get:

1. Select SenderComp that matches assigned Margin API login.
2. Click **Start Test**.
3. Following submission of a transaction [Get request](#), receive and process the [response](#).

Note: Submitted request is not an xml message, it is an HTTPS call.

5. Click **Refresh** to review results.

Transaction – List

This test verifies a client can obtain a [list of transactions](#) under a portfolio.

This test is mandatory for all [Interview](#) responses.

Test Suite
Test Case
Post Certification

Steps of the test: Margin Service API - Transaction - Delete

This test could take up to several minutes. Please do not close the window during the test. Closing window/stopping test requires to rerun the test from step1.

Purpose
The purpose of this test is to verify that the system can successfully DELETE a transaction from a portfolio

Note: Press the Start Test button to start or restart a Test. Please do not press the Start Test button again if you are currently running this test.
START TEST

Description	Flag	Status
1 After submitting transaction Delete request, receive and process response from Margin API		Not Tested

Key: not tested complete pending failed

REFRESH

To test Transaction – List:

1. Select SenderComp that matches assigned Margin API login.
2. Click **Start Test**.
3. Following submission of a [List request](#), receive and process the [response](#).

Note: Submitted request is not an xml message, it is an HTTPS call.

4. Click **Refresh** to review results.

Margin Tests

Perform tests for these margin functions:

- [Calculate](#)
- [Get](#)
- [List](#)

Margin – Calculate

This test verifies the system can submit a message to [calculate margins](#) for a portfolio.

This test is mandatory for all [Interview](#) responses.

Test Suite
Test Case
Post Certification

Steps of the test: Margin Service API - Margins - Calculate

This test could take up to several minutes. Please do not close the window during the test. Closing window/stopping test requires to rerun the test from step1.

Purpose
The purpose of this test is to verify that the system can submit a message to calculate the Margins for a portfolio

Note: Press the Start Test button to start or restart a Test. Please do not press the Start Test button again if you are currently running this test.
START TEST

Description	Flag	Status
1 Submit a message to calculate the Margins for a portfolio		Not Tested
2 Receive and process response from Margin API (status=PROCESSING)		Not Tested
3 After submitting margin GET request, receive and process response from Margin API (status=SUCCESS)		Not Tested

Key: not tested complete pending failed

REFRESH

▶ To test Margin – Calculate:

1. Select SenderComp that matches assigned Margin API login.
2. Click **Start Test**.
3. [Submit a message](#) to Calculate margins for a portfolio.
4. Receive and process [response](#).
5. Following a [Margin Get](#) request submission, receive and process [response](#).

Note: Get request is not an xml message, it is an HTTPS call.

6. Click **Refresh** to review results.

Margin – Get

This test verifies the system can [get the status and results](#) for a portfolio.

This test is mandatory for all [Interview](#) responses.

Test Suite
Test Case
Post Certification

Steps of the test: Margin Service API - Margins - Get

This test could take up to several minutes. Please do not close the window during the test. Closing window/stopping test requires to rerun the test from step 1.

Purpose
The purpose of this test is to verify that the system can GET for a portfolio.

Note: Press the Start Test button to start or restart a Test. Please do not press the Start Test button again if you are currently running this test.

START TEST

Description	Flag	Status
1 After submitting margin Get request, receive and process response from Margin API		Not Tested

Key: not tested complete pending failed

REFRESH

To test Margin – Get:

1. Select SenderComp that matches assigned Margin API login.
2. Click **Start Test**.
3. Following submission of a [Get request](#), receive and process the [response](#).

Note: Submitted request is not an xml message, it is an HTTPS call.

4. Click **Refresh** to review results.

Margin – List

This test verifies the system [can get the List of portfolios](#) under a Clearing Member.

This test is mandatory for all [Interview](#) responses.

Test Suite
Test Case
Post Certification

Steps of the test: Margin Service API - Margins - List

This test could take up to several minutes. Please do not close the window during the test. Closing window/stopping test requires to rerun the test from step 1.

Purpose
The purpose of this test is to verify that the systems can retrieve the list of margins. The request allows the Client to list the transactions which have already been added to CME CORE (Add Transaction and Update Transaction). The Client can optionally specify the search parameters according to which the server returns the transactions matching the criteria synchronously.

Note: Press the Start Test button to start or restart a Test. Please do not press the Start Test button again if you are currently running this test.
START TEST

Description	Flag	Status
1 After submitting portfolio List request, receive and process response from Margin API		Not Tested

Key: ● not tested ● complete ● pending ● failed

REFRESH

To test Margin – List:

1. Select SenderComp that matches assigned Margin API login.
2. Click **Start Test**.
3. Following submission of a [List request](#), receive and process the [response](#).

Note: Submitted request is not an xml message, it is an HTTPS call.

4. Click **Refresh** to review results.

ALL-IN-ONE Call Tests

Perform tests for these all-in-one instruments:

- [CDS](#)
- [Delta Ladder](#)
- [IRS](#)
- [Forwards \(FX\)](#)
- [Futures and Options](#)
- [Zero Coupon](#)
- [Vanilla VNS](#)
- [FRA](#)
- [Basis](#)
- [Vanilla](#)

All-IN-ONE Call – CDS

This test verifies the system supports [All in One calls](#) for CDS products.

This test is mandatory when the [Interview](#) responses are:

- What types of Instruments will your system support? **CDS**
- Will your application be supporting Margin Service API ALL-In-ONE Call functionality? **Yes**

Test Suite
Test Case
Post Certification

Steps of the test: Margin Service API - Margin Service API ALL-IN-ONE Call - CDS

This test could take up to several minutes. Please do not close the window during the test. Closing window/stopping test requires to rerun the test from step1.

Purpose
The purpose of this test is to verify that the systems support the ALL IN ONE Call for CDS products.

Note: Press the Start Test button to start or restart a Test. Please do not press the Start Test button again if you are currently running this test.
START TEST

Description	Flag	Status
1 Please submit All-In-One margin request message for CDS		Not Tested
2 Receive and process response from Margin API (status=PROCESSING)		Not Tested
3 After submitting margin GET request, receive and process response from Margin API (status=SUCCESS)		Not Tested

Key: not tested complete pending failed

REFRESH

▶ To test ALL-IN-ONE Call for CDS:

1. Select SenderComp that matches assigned Margin API login.
2. Click **Start Test**.
3. Submit [ALL-IN-ONE margin request](#) message.
4. Receive and process the [response](#).
5. Following submission of a [Get request](#), receive and process the [response](#).

Note: Submitted request is not an xml message, it is an HTTPS call.

6. Click **Refresh** to review results.

All-IN-ONE Call – Delta Ladder

This test verifies the system supports [All in One calls](#) for Delta Ladder products.

This test is mandatory when the [Interview](#) responses are:

- What types of Instruments will your system support? **Interest Rate Swaps – Delta Ladder**
- Will your application be supporting Margin Service API ALL-In-ONE Call functionality? **Yes**

Test Suite
Test Case
Post Certification

Steps of the test: Margin Service API - Margin Service API ALL-IN-ONE Call - Delta Ladder

This test could take up to several minutes. Please do not close the window during the test. Closing window/stopping test requires to rerun the test from step 1.

Purpose
The purpose of this test is to verify that the systems support the ALL IN ONE Call for Delta Ladder IRS products.

Note: Press the Start Test button to start or restart a Test. Please do not press the Start Test button again if you are currently running this test.
START TEST

	Description	Flag	Status
1	Please submit All-In-One margin request message for Delta Ladder		Not Tested
2	Receive and process response from Margin API (status=PROCESSING)		Not Tested
3	After submitting margin GET request, receive and process response from Margin API (status=SUCCESS)		Not Tested

Key: not tested complete pending failed

REFRESH

To test ALL-IN-ONE Call for Delta Ladder:

1. Select SenderComp that matches assigned Margin API login.
2. Click **Start Test**.
3. Submit [ALL-IN-ONE margin request](#) message.
4. Receive and process the [response](#).
5. Following submission of a [Get request](#), receive and process the [response](#).

Note: Submitted request is not an xml message, it is an HTTPS call.

6. Click **Refresh** to review results.

All-IN-ONE Call – Interest Rate Swaps (IRS)

This test verifies the system supports [All in One calls](#) for IRS products.

This test is mandatory when the [Interview](#) responses are:

- What types of Instruments will your system support? **Interest Rate Swaps**
- Will your application be supporting Margin Service API ALL-In-ONE Call functionality? **Yes**

Test Suite
Test Case
Post Certification

Steps of the test: Margin Service API - Margin Service API ALL-IN-ONE Call - IRS

This test could take up to several minutes. Please do not close the window during the test. Closing window/stopping test requires to rerun the test from step1.

Purpose
The purpose of this test is to verify that the systems support the ALL IN ONE Call for IRS products.

Note: Press the Start Test button to start or restart a Test. Please do not press the Start Test button again if you are currently running this test.

START TEST

Description	Flag	Status
1 Please submit All-In-One margin request message for IRS		Not Tested
2 Receive and process response from Margin API (status=PROCESSING)		Not Tested
3 After submitting margin GET request, receive and process response from Margin API (status=SUCCESS)		Not Tested

Key: not tested complete pending failed

REFRESH

▶ To test ALL-IN-ONE Call for IRS:

1. Select SenderComp that matches assigned Margin API login.
2. Click **Start Test**.
3. Submit [ALL-IN-ONE margin request](#) message.
4. Receive and process the [response](#).
5. Following submission of a [Get request](#), receive and process the [response](#).

Note: Submitted request is not an xml message, it is an HTTPS call.

6. Click **Refresh** to review results.

All-IN-ONE Call – Forwards (FX)

This test verifies the system supports [ALL-IN-ONE calls](#) for Forwards (FX) products.

This test is mandatory when the [Interview](#) responses are:

- What types of Instruments will your system support? **Forwards**
- Will your application be supporting Margin Service API ALL-In-ONE Call functionality? **Yes**

Test Suite
Test Case
Post Certification

Steps of the test: Margin Service API - Margin Service API ALL-IN-ONE Call - Foreign Exchange

This test could take up to several minutes. Please do not close the window during the test. Closing window/stopping test requires to rerun the test from step1.

Purpose
The purpose of this test is to verify that the systems support the ALL IN ONE Call for FX Forwards products.

Note: Press the Start Test button to start or restart a Test. Please do not press the Start Test button again if you are currently running this test.
START TEST

Description	Flag	Status
1 Please submit All-In-One margin request message for Foreign Exchange		Not Tested
2 Receive and process response from Margin API (status=PROCESSING)		Not Tested
3 After submitting margin GET request, receive and process response from Margin API (status=SUCCESS)		Not Tested

Key: not tested complete pending failed

REFRESH

To test ALL-IN-ONE Call for Forwards:

1. Select SenderComp that matches assigned Margin API login.
2. Click **Start Test**.
3. Submit [ALL-IN-ONE margin request](#) message.
4. Receive and process the [response](#).
5. Following submission of a [Get request](#), receive and process the [response](#).

Note: Submitted request is not an xml message, it is an HTTPS call.

6. Click **Refresh** to review results.

All-IN-ONE Call – Futures and Options

This test verifies the system supports [ALL-IN-ONE calls](#) for Futures and Options products.

This test is mandatory when the [Interview](#) responses are:

- What types of Instruments will your system support? **Futures Options**
- Will your application be supporting Margin Service API ALL-In-ONE Call functionality? **Yes**

Test Suite
Test Case
Post Certification

Steps of the test: Margin Service API - Margin Service API ALL-IN-ONE Call - Futures and Options

This test could take up to several minutes. Please do not close the window during the test. Closing window/stopping test requires to rerun the test from step1.

Purpose
The purpose of this test is to verify that the systems support the ALL IN ONE Call for Futures and Options products.

Note: Press the Start Test button to start or restart a Test. Please do not press the Start Test button again if you are currently running this test.

START TEST

Description	Flag	Status
1 Please submit All-In-One margin request message for Futures and Options		Not Tested
2 Receive and process response from Margin API (status=PROCESSING)		Not Tested
3 After submitting margin GET request, receive and process response from Margin API (status=SUCCESS)		Not Tested

Key: not tested complete pending failed

REFRESH

To test ALL-IN-ONE Call for Futures and Options:

1. Select SenderComp that matches assigned Margin API login.
2. Click **Start Test**.
3. Submit [ALL-IN-ONE margin request](#) message.
4. Receive and process the [response](#).
5. Following submission of a [Get request](#), receive and process the [response](#).

Note: Submitted request is not an xml message, it is an HTTPS call.

6. Click **Refresh** to review results.

All-IN-ONE Call – Zero Coupon

This test verifies the system supports [ALL-IN-ONE calls](#) for Zero Coupon products.

This test is mandatory when the [Interview](#) responses are:

- What types of Instruments will your system support? **Interest Rate Swaps – Zero Coupon trades**
- Will your application be supporting Margin Service API ALL-In-ONE Call functionality? **Yes**

Test Suite
Test Case
Post Certification

Steps of the test: Margin Service API - Margin Service API ALL-IN-ONE Call - Zero Coupon

This test could take up to several minutes. Please do not close the window during the test. Closing window/stopping test requires to rerun the test from step1.

Purpose
The purpose of this test is to verify that the systems support the ALL IN ONE Call for Zero Coupon products.

Note: Press the Start Test button to start or restart a Test. Please do not press the Start Test button again if you are currently running this test.
START TEST

Description	Flag	Status
1 Please submit All-In-One margin request message for Zero Coupon		Not Tested
2 Receive and process response from Margin API (status=PROCESSING)		Not Tested
3 After submitting margin GET request, receive and process response from Margin API (status=SUCCESS)		Not Tested

Key: not tested complete pending failed

REFRESH

To test ALL-IN-ONE Call for Zero Coupon:

1. Select SenderComp that matches assigned Margin API login.
2. Click **Start Test**.
3. Submit [ALL-IN-ONE margin request](#) message.
4. Receive and process the [response](#).
5. Following submission of a [Get request](#), receive and process the [response](#).

Note: Submitted request is not an xml message, it is an HTTPS call.

6. Click **Refresh** to review results.

All-IN-ONE Call – Vanilla VNS

This test verifies the system supports [ALL-IN-ONE calls](#) for Vanilla VNS products.

This test is mandatory when the [Interview](#) responses are:

- What types of Instruments will your system support? **Interest Rate Swaps – Vanilla VNS trades**
- Will your application be supporting Margin Service API ALL-In-ONE Call functionality? **Yes**

Test Suite
Test Case
Post Certification

Steps of the test: Margin Service API - Margin Service API ALL-IN-ONE Call - Vanilla VNS

This test could take up to several minutes. Please do not close the window during the test. Closing window/stopping test requires to rerun the test from step 1.

Purpose
The purpose of this test is to verify that the systems support the ALL IN ONE Call for Vanilla VNS products.

Note: Press the Start Test button to start or restart a Test. Please do not press the Start Test button again if you are currently running this test.
START TEST

Description	Flag	Status
1 Please submit All-In-One margin request message for Vanilla VNS		Not Tested
2 Receive and process response from Margin API (status=PROCESSING)		Not Tested
3 After submitting margin GET request, receive and process response from Margin API (status=SUCCESS)		Not Tested

Key: not tested complete pending failed

REFRESH

To test ALL-IN-ONE Call for Vanilla VNS:

1. Select SenderComp that matches assigned Margin API login.
2. Click **Start Test**.
3. Submit [ALL-IN-ONE margin request](#) message.
4. Receive and process the [response](#).
5. Following submission of a [Get request](#), receive and process the [response](#).

Note: Submitted request is not an xml message, it is an HTTPS call.

6. Click **Refresh** to review results.

All-IN-ONE Call – FRA

This test verifies the system supports [ALL-IN-ONE calls](#) for FRA products.

This test is mandatory when the [Interview](#) responses are:

- What types of Instruments will your system support? **Interest Rate Swaps – FRA trades**
- Will your application be supporting Margin Service API ALL-In-ONE Call functionality? **Yes**

Test Suite
Test Case
Post Certification

Steps of the test: Margin Service API - Margin Service API ALL-IN-ONE Call - FRA

This test could take up to several minutes. Please do not close the window during the test. Closing window/stopping test requires to rerun the test from step1.

Purpose
The purpose of this test is to verify that the systems support the ALL IN ONE Call for FRA products.

Note: Press the Start Test button to start or restart a Test. Please do not press the Start Test button again if you are currently running this test.
START TEST

Description	Flag	Status
1 Please submit All-In-One margin request message for FRA		Not Tested
2 Receive and process response from Margin API (status=PROCESSING)		Not Tested
3 After submitting margin GET request, receive and process response from Margin API (status=SUCCESS)		Not Tested

Key: not tested complete pending failed

REFRESH

▶ To test ALL-IN-ONE Call for FRA:

1. Select SenderComp that matches assigned Margin API login.
2. Click **Start Test**.
3. Submit [ALL-IN-ONE margin request](#) message.
4. Receive and process the [response](#).
5. Following submission of a [Get request](#), receive and process the [response](#).

Note: Submitted request is not an xml message, it is an HTTPS call.

6. Click **Refresh** to review results.

All-IN-ONE Call – Basis

This test verifies the system supports [All in One calls](#) for Basis products.

This test is mandatory when the [Interview](#) responses are:

- What types of Instruments will your system support? **Interest Rate Swaps – Basis trades**
- Will your application be supporting Margin Service API ALL-In-ONE Call functionality? **Yes**

Test Suite
Test Case
Post Certification

Steps of the test: Margin Service API - Margin Service API ALL-IN-ONE Call - Basis

This test could take up to several minutes. Please do not close the window during the test. Closing window/stopping test requires to rerun the test from step 1.

Purpose
The purpose of this test is to verify that the systems support the ALL IN ONE Call for Basis products.

Note: Press the Start Test button to start or restart a Test. Please do not press the Start Test button again if you are currently running this test.
START TEST

Description	Flag	Status
1 Please submit All-In-One margin request message for Basis		Not Tested
2 Receive and process response from Margin API (status=PROCESSING)		Not Tested
3 After submitting margin GET request, receive and process response from Margin API (status=SUCCESS)		Not Tested

Key: not tested complete pending failed

REFRESH

To test ALL-IN-ONE Call for Basis:

1. Select SenderComp that matches assigned Margin API login.
2. Click **Start Test**.
3. Submit [ALL-IN-ONE margin request](#) message.
4. Receive and process the [response](#).
5. Following submission of a [Get request](#), receive and process the [response](#).

Note: Submitted request is not an xml message, it is an HTTPS call.

6. Click **Refresh** to review results.

All-IN-ONE Call – Vanilla

This test verifies the system supports [ALL-IN-ONE calls](#) for Vanilla products.

This test is mandatory when the [Interview](#) responses are:

- What types of Instruments will your system support? **Interest Rate Swaps – Vanilla trades**
- Will your application be supporting Margin Service API ALL-In-ONE Call functionality? **Yes**

Test Suite
Test Case
Post Certification

Steps of the test: Margin Service API - Margin Service API ALL-IN-ONE Call - Vanilla

This test could take up to several minutes. Please do not close the window during the test. Closing window/stopping test requires to rerun the test from step1.

Purpose
The purpose of this test is to verify that the systems support the ALL IN ONE Call for Vanilla products.

Note: Press the Start Test button to start or restart a Test. Please do not press the Start Test button again if you are currently running this test.

START TEST

	Description	Flag	Status
1	Please submit All-In-One margin request message for Vanilla		Not Tested
2	Receive and process response from Margin API (status=PROCESSING)		Not Tested
3	After submitting margin GET request, receive and process response from Margin API (status=SUCCESS)		Not Tested

Key: not tested complete pending failed

REFRESH

▶ To test ALL-IN-ONE Call for Vanilla:

1. Select SenderComp that matches assigned Margin API login.
2. Click **Start Test**.
3. Submit [ALL-IN-ONE margin request](#) message.
4. Receive and process the [response](#).
5. Following submission of a [Get request](#), receive and process the [response](#).

Note: Submitted request is not an xml message, it is an HTTPS call.

6. Click **Refresh** to review results.