

AutoCert+ Risk Management Interface (RMI) API User Manual

20 October 2022



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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 CME Globex, CME Group provides a dedicated certification environment to allow customers to test their systems before they complete certification.

The AutoCert+ Risk Management Interface (RMI) API tests focus on verifying that client systems can connect to the RMI API using session-based and session-less connectivity.

Note: RMI API testing includes two sets of test cases. One is for client systems that support session-based connectivity, and the other applies to client systems that support session-less connectivity.

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 <u>Interview</u> 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+ Risk Management Interface (RMI) API Help system.

Date	Торіс	Description
Oct 20, 2022	Format	Website and PDF format changes only.
April 16, 2014	All	Updated links and edited to meet Help standards.
July 20, 2012	All Order Mass Action Request Order Mass Action Request (Session-less)	Updated all existing content. Formatted according to new ACP Help system standards. Included new test cases.
February 2, 2012	All	Original draft.

RMI API Interview

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The interview consists of a series of questions about your application. Based on your responses, certain tests are required and others are optional. You must complete the pre-certification interview before running the test cases.

To complete the interview, select **Yes** or **No** to the questions regarding whether or not your system supports Order Routing Permissioning, Product Reference Requests, Current Prevent Instructions Requests, and Cancel Instruction Requests.

In addition, you must determine if your system supports session-based or session-less RMI API connectivity.

Note: Session-based tests require a client system to perform Logon and Logout functions.

After answering the Interview questions, click the **Complete** button.

Interview	Test Suite Test Case Post Certification
	What type of connectivity does your system support?
•	Session Based RMI API connectivity
	Session Less RMI API connectivity
	Does your system support Order Routing Permissioning via the RMI API?
۲	Yes
\odot	No
	Does your system support Product Reference Requests via the RMI API?
۲	Yes
0	No
	Does your system support Current Prevent Instructions Requests via the RMI API?
۲	Yes
\odot	No
	Does your system support cancel instruction requests via the RMI API?
۲	Yes
\odot	No
Con	nplete

Tests 1-5

This section contains information on tests 1-5.

RMI API Session-Based Connectivity

1. Session-Based Connectivity

This test verifies that you can connect to the RMI API using session based connectivity, and that your system maintains the correct request number.

This test is mandatory if the interview response is:

• What types of connectivity does your system support: Session-based RMI API connectivity

		Current	Testing Configurati	on		
Company Name:	NE. 412 117 TH (1941)			Tester:	Tanahika Valla	6
System Profile:	RMI API - Automated Tra	ding System 1.2 👻		TestSuite:	RMI API	•
				Test Suite Status		
SenderComp :	UNASSIGN			Pre-Certification Interv	iew : 📀 Comp	lete
		-		Test Suite Status:	O Not Te	ested
				RMI API Online Help		
	_					
Interview Tes	t Suite Test Case	Post Certification				
Ste This t	ps of the test: RMI est could take up to several i	API Session-Based Co minutes. Please do not close the win	nnectivity	vindow/stopping test requir	res to rerun the test	t from step1.
Pur	pose	the that the cleant sustains can come	act to the DMI AD using serve	on based connectivity. The	test also verifies t	hat the
sys	tem maintains the correct rec	uest number. Here the client system	m is asked to perform Logon a	nd Logout functionality.	rtest also verifies t	natine
Not	e: Press the Start Test b	utton to start or restart a Test. F	Please do not press the St	art Test	STA	RTTEST
but	ton again if you are curre	ntly running this test.				
De	scription					Status
1	Over an RMI API con assigned SenderCo	nection, submit a User Request mp ID]	t - Logon message. [Ensu	re SID in the message is	s same as the	
2	Receive and process	s a User Response - Logon Cor	nfirmation message			
3	Submit a Logout me	ssage				
4	Receive and process	s a User Response - Logout Co	onfirmation message			
_	ror eu			Key:	e complete 🖕 pe	nding 🗧 failed

To test session-based connectivity:

Click **START TEST** to begin.

For the RMI API Session-Based Connectivity test, submit and receive the following messages:

1. Submit User Request - Logon

In the second second

- 2. Receive User Request Logon Confirmation
- 3. Submit Logout
- 4. Receive User Request Logout Confirmation

RMI API Order Routing Permissioning

2. Order Routing Permissioning

This test verifies that clearing members (CMs) are able to route the entitlement definition request over the RMI API, and checks the capability of those CMs to block and unblock the order entry for a trading firm.

This test is mandatory if the interview responses are:

- · What types of connectivity does your system support: Session-based RMI API connectivity
- Does your system support order routing permissioning via the RMI API: Yes

	Current Testing Config	juration	
Company Name:	NE. N. 2 107 TH (1960)	Tester: touting	17404
System Profile:	RMI API - Automated Trading System 1.2	TestSuite: RMI API	•
		Test Suite Status:	
SenderComp :	UNASSIGN	Pre-Certification Interview : Test Suite Status: In I <u>RMI API Online Help</u>	Complete Progress
Interview Te	t Suite Test Case Post Certification		
This Pu Th the bu	test could take up to several minutes. Please do not close the window during the test.C rpose purpose of this test is to verify that the Clearing Members (CMs) are able to route the capability of the CMs to block and unblock the order entry for a trading firm. te: Press the Start Test button to start or restart a Test. Please do not press tton again if you are currently running this test.	Closing window/stopping test requires to rerun entitlement definition request over the RMI APL the Start Test	This test checks START TEST Status
,	Over an RMI API connection, submit a User Request - Logon message. assigned SenderComp ID]	[Ensure SID in the message is same as	the 🍙
3	Receive and process a User Response - Logon Confirmation message	0	
1	Submit a Party Entitlement Definition Request to prevent order entry		
4	Receive and process the Party Entitlement Definition Request Acknowle	edgement	۲
5	Submit a Party Entitlement Definition Request to allow order entry		
6	Receive and process the Party Entitlement Definition Request Acknowle	edgement	
7	Submit a Logout message		
8	Receive and process a User Response - Logout Confirmation messag	e	
R	FRESH	Key: 🏐 not tested 🛛 Complete	🥚 pending failed

To test order routing permissioning:

Click START TEST to begin.

For the RMI API Session-Based Connectivity test, submit and receive the following messages:

- 1. Submit User Request Logon
 - Note: In the message, ensure SID is the same as the assigned SenderCompID.
- 2. Receive User Request Logon Confirmation
- 3. Submit Party Entitlement Definition Request to prevent order entry
- 4. Receive Party Entitlement Definition Request Acknowledgement
- 5. Submit Party Entitlement Definition Request to allow order entry
- 6. Receive Party Entitlement Definition Request Acknowledgement
- 7. Submit Logout
- 8. Receive User Request Logout Confirmation

3. Order Routing Permissioning (Session-less)

This test verifies that clearing members (CMs) are able to route the entitlement definition request over the RMI API, and checks the capability of those CMs to block and unblock the order entry for a trading firm.

This test is mandatory if the *interview* responses are:

- What types of connectivity does your system support: Session-less RMI API connectivity
- Does your system support order routing permissioning via the RMI API: Yes

	Current Testing Configuration		
ompany Name:	Tester: Saudida Mila	0	
ystem Profile:	RMI API - Automated Trading System 1.2	Pl 🔻	
	Test Suite Status:		
enderComp :	UNASSIGN Pre-Certification Interview : Comp Test Suite Status: In Progre RMI API Online Help	lete ISS	
nterview Test Step This te Purp	Suite Test Case Post Certification os of the test: RMI API Order Routing Permissioning - Session Less st could take up to several minutes. Please do not close the window during the test. Closing window/stopping test requires to rerun the test pose	t from step	
nterview Test Step This te Pury The the c	Suite Test Case Post Certification Post Certificati	t from step st checks	
nterview Test Step This te Pury The the c	Suite Test Case Post Certification Post Certificati	t from stej st checks <u>RT TEST</u>	
nterview Test Step This te Purp The the c	Suite Test Case Post Certification Post of the test: RMI API Order Routing Permissioning - Session Less st could take up to several minutes. Please do not close the window during the test. Closing window/stopping test requires to rerun the test pose purpose of this test is to verify that the Clearing Members (CMs) are able to route the entitlement definition request over the RMI API. This test apability of the CMs to block and unblock the order entry for a trading firm.	t from step st checks RT TEST Statu	
nterview Test Step This te Purp The j the c Note butt	Suite Test Case Post Certification Post Certification Post of the test: RMI API Order Routing Permissioning - Session Less at could take up to several minutes. Please do not close the window during the test. Closing window/stopping test requires to rerun the test pose purpose of this test is to verify that the Clearing Members (CMs) are able to route the entitlement definition request over the RMI API. This test apability of the CMs to block and unblock the order entry for a trading firm. apability of the Start Test button to start or restart a Test. Please do not press the Start Test STAI cription Over an RMI API connection, submit a Party Entitlement Definition Request to prevent order entry [Ensure SID in the message is same as the assigned SenderComp ID]	t from step st checks RTTEST Statu	
nterview Test Step This te Pury The j the c Note butt 1 2	Suite Test Case Post Certification Post of the test: RMI API Order Routing Permissioning - Session Less at could take up to several minutes. Please do not close the window during the test. Closing window/stopping test requires to rerun the test pose purpose of this test is to verify that the Clearing Members (CMs) are able to route the entitlement definition request over the RMI API. This test apability of the CMs to block and unblock the order entry for a trading firm. c: Press the Start Test button to start or restart a Test. Please do not press the Start Test STAI cription Over an RMI API connection, submit a Party Entitlement Definition Request to prevent order entry [Ensure SID in the message is same as the assigned SenderComp ID] Receive and process the Party Entitlement Definition Request Acknowledgement	t from step st checks RTTEST Statu:	
nterview Test Step This te Purp The the c Note butt 1 2 3	Suite Test Case Post Certification Is of the test: RMI API Order Routing Permissioning - Session Less ast could take up to several minutes. Please do not close the window during the test. Closing window/stopping test requires to rerun the test noise purpose of this test is to verify that the Clearing Members (CMs) are able to route the entitlement definition request over the RMI API. This test apability of the CMs to block and unblock the order entry for a trading firm. c. Press the Start Test button to start or restart a Test. Please do not press the Start Test STAI cription Over an RMI API connection, submit a Party Entitlement Definition Request to prevent order entry [Ensure SID in the message is same as the assigned SenderComp ID] Receive and process the Party Entitlement Definition Request Acknowledgement Submit a Party Entitlement Definition Request to allow order entry	t from step st checks RT TEST Statu	

To test session-less order routing permissioning:

Click START TEST to begin.

For the RMI API Session-Less Connectivity test, submit and receive the following messages:

- 1. Submit Party Entitlement Definition Request to prevent order entry
- 2. Receive Party Entitlement Definition Request Acknowledgement
- 3. Submit Party Entitlement Definition Request to allow order entry
- 4. Receive Party Entitlement Definition Request Acknowledgement

RMI API Product Reference Requests

4. Product Reference Requests

This test verifies that a client system can request the RMI API to get product references. These references can be made with respect to the following:

- All product groups
- CME product groups (products grouped by exchange)
- CME futures (product groups within the specific exchange by security type)

This test is mandatory if the *interview* responses are:

- What types of connectivity does your system support: Session-based RMI API connectivity
- Does your system support order routing permissioning via the RMI API: Yes

	Currer	t Testing Configuration		
Company Name:	101-102-112-T01-1000	Tes	ter:	Aller Think
System Profile:	RMI API - Automated Trading System 1.2	Tes	tSuite: RMI	API 👻
		Tes	t Suite Status:	
SenderComp :	UNA SSIGN	Pre-0	Certification Interview :	Complete
		Test RML/	Suite Status: PI Online Help	In Progress
Interview Tes	t Suite Test Case Post Certification			
Ste	os of the test: RMI API Product Referen	ce Requests - Session Ba	ased	
This t	est 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.
Pur	pose			
The to a	purpose of this test is to verify that the client system can re- product groups, product groups by exchange and product	uest the RMI API to get the product refe	rences. The references of security type.	can be made with respect
Not	Press the Start Test button to start or restart a Test ton again if you are currently running this test.	t. Please do not press the Start Te	st	START TEST
Der	cription			Status
- 1	Over an RMI API connection, submit a User Requ assigned SenderComp ID]	est - Logon message. [Ensure SID	in the message is sar	me as the
2	Receive and process a User Response - Logon	Confirmation message		
3				
	Submit a Security List Request message for all p	roduct groups		
4	Submit a Security List Request message for all p Receive and process the Security List message	roduct groups		
4	Submit a Security List Request message for all p Receive and process the Security List message Submit a Security List Request message for CMB	product groups		0 0 0
4 5 6	Submit a Security List Request message for all p Receive and process the Security List message Submit a Security List Request message for CMB Receive and process the Security List message	product groups		0 0 0 0
4 5 6 7	Submit a Security List Request message for all p Receive and process the Security List message Submit a Security List Request message for CMB Receive and process the Security List message Submit a Security List Request message for CMB	product groups		
4 5 6 7 8	Submit a Security List Request message for all p Receive and process the Security List message Submit a Security List Request message for CMB Receive and process the Security List message Submit a Security List Request message for CMB Receive and process the Security List message	product groups		
4 5 6 7 8 9	Submit a Security List Request message for all p Receive and process the Security List message Submit a Security List Request message for CMB Receive and process the Security List message Submit a Security List Request message for CMB Receive and process the Security List message Submit a Logout message	roduct groups		
4 5 6 7 8 9	Submit a Security List Request message for all p Receive and process the Security List message Submit a Security List Request message for CME Receive and process the Security List message Submit a Security List Request message for CME Receive and process the Security List message Submit a Logout message Receive and process a User Response - Logout	roduct groups		

To test product reference requests:

Click **START TEST** to begin.

For the RMI API Session-Based Connectivity test, submit and receive the following messages:

- 1. Submit User Request Logon
- 2. Receive User Request Logon Confirmation
- 3. In steps 3-7, submit <u>Security List Requests</u> then receive corresponding <u>Security List responses</u> for all product groups, CME product groups, and CME futures, respectively.
- 4. Submit Logout
- 5. Receive User Request Logout Confirmation

5. Product Reference Requests (Session-less)

This test verifies that a client system can request the RMI API to get product references. These references can be made with respect to the following:

- All product groups
- CME product groups (products grouped by exchange)
- CME futures (product groups within the specific exchange by security type)

This test is mandatory if the interview responses are:

- What types of connectivity does your system support: Session-based RMI API connectivity
- Does your system support order routing permissioning via the RMI API: Yes

	Current Testing C	onfiguration	
Company Name:	ME-METERS METERS	Tester:	
System Profile:	RMI API Online Help - Automated Trading System 1.0 🔹	TestSuite: RMI API	•
		Test Suite Status:	
SenderComp :	UMASSIGN	Pre-Certification Interview: Con Test Suite Status: In Prog RMI API Online Help	nplete gress
Interview Test	uite Test Case Post Certification		
The p to all p Note: butto	prose of this test is to verify that the client system can request the RMI API roduct groups, product groups by exchange and product groups within the Press the Start Test button to start or restart a Test. Please do not in again if you are currently running this test.	to get the product references. The references can be mad specific exchange by security type.	e with respect
Desc	riotion		Status
1	Over an RMI API connection, submit a Security List Request mes message is same as the assigned SenderComp ID]	sage for all product groups [Ensure SID in the	
2	Receive and process the Security List message		
3	Submit a Security List Request message for CME product groups	8	
4	Receive and process the Security List message		
5	Submit a Security List Request message for CME futures		
6	Receive and process the Security List message		
REF	ESH	Key: 🔘 not tested 🌘 complete 😜	pending 😑 faile d

To test session-less product reference requests:

Click **START TEST** to begin.

AutoCert+ Risk Management Interface (RMI) API

• In steps 1-6, submit <u>Security List Requests</u> then receive corresponding <u>Security List responses</u> for all product groups, CME product groups, and CME futures, respectively.



This section contains information on tests 6-11.

RMI API Current Prevent Instructions

6. Current Prevent Instructions

This test determines which customer accounts are currently blocked from trading.

This test is mandatory if the interview responses are:

- What types of connectivity does your system support: Session-based RMI API connectivity
- Does your system support order routing permissioning via the RMI API: Yes

	Current Testing Configuration				
Company Name:	MELACTIC TREAME	Tester:	Contribution (Contrad)		
System Profile:	RMI API - Automated Trading System 1.2	TestSuite: RMI API			
		Test Suite Status	s:		
SenderComp :	UNASSIGN	Pre-Certification Intern Test Suite Status: RMI API Online Help	view : Compl In Progres	ete is	
Interview Test	Suite Test Case Post Certification				
Step This to Pury The Note	est could take up to several minutes. Please do not close the window during the test. Closing pose purpose of this test is to determine which of their customer accounts is currently blocked from et Press the Start Test button to start or restart a Test. Please do not press the S	on Based window/stopping test requi om trading at that particular tart Test	res to rerun the test point of time.	from step 1.	
but	on again if you are currently running this test.				
Des	cription			Status	
1	Over an RMI API connection, submit a User Request - Logon message. [Ensu assigned SenderComp ID]	re SID in the message i	is same as the		
2	Receive and process a User Response - Logon Confirmation message			٠	
3	Submit a Party Entitlement Definition Request to prevent order entry				
4	Receive and process the Party Entitlement Definition Request Acknowledgem	ent			
5	Submit a Party Entitlements Request to determine current prevent instructions	1			
6	Receive and process the Party Entitlements Report				
7	Submit a Logout message				
8	Receive and process a User Response - Logout Confirmation message				
RE	RESH	Key: 🔘 not tested	complete	ding \varTheta failed	

To test current prevent instructions:

Click START TEST to begin.

For the RMI API Session-Based Connectivity test, submit and receive the following messages:

- 1. Submit User Request Logon
- 2. Receive User Request Logon Confirmation
- 3. Submit Party Entitlement Definition Request to prevent order entry
- 4. Receive Party Entitlement Definition Request Acknowledgement
- 5. Submit Party Entitlement Definition Request to determine prevent instructions
- 6. Receive Party Entitlements Report
- 7. Submit Logout
- 8. Receive User Request Logout Confirmation

7. Current Prevent Instructions (Session-less)

This test determines which customer accounts are currently blocked from trading.

This test is mandatory if the interview responses are:

- · What types of connectivity does your system support: Session-less RMI API connectivity
- Does your system support order routing permissioning via the RMI API: Yes

ompany Name:	Measurements Tester:	Condition (Folia)
stem Profile:	RMI API - Automated Trading System 1.2	RMI API 🔹
	Test Suite Statu	s:
inderComp :	UNA SSIGN Pre-Certification Inter	view : O Complete
	Test Suite Status:	In Progress
	RMI API Online Help	
terview Tes	t Suite Test Case Post Certification	
Ste	eps of the test: RMI API Current Prevent Instructions - Session Less	
Ste	eps of the test: RMI API Current Prevent Instructions - Session Less test could take up to several minutes. Please do not close the window during the test.Closing window/stopping test requ	uires to rerun the test from ste
Ste This I Put	pps of the test: RMI API Current Prevent Instructions - Session Less test could take up to several minutes. Please do not close the window during the test.Closing window/stopping test requ rpose	ires to rerun the test from ste
Ste This t Put The	ps of the test: RMI API Current Prevent Instructions - Session Less test could take up to several minutes. Please do not close the window during the test. Closing window/stopping test requ rpose e purpose of this test is to determine which of their customer accounts is currently blocked from trading at that particular	uires to rerun the test from ste r point of time.
Ste This t Put	test could take up to several minutes. Please do not close the window during the test. Closing window/stopping test requirpose e purpose of this test is to determine which of their customer accounts is currently blocked from trading at that particular	uires to rerun the test from ste r point of time.
Ste This t Pur The	eps of the test: RMI API Current Prevent Instructions - Session Less test could take up to several minutes. Please do not close the window during the test. Closing window/stopping test requ rpose e purpose of this test is to determine which of their customer accounts is currently blocked from trading at that particular te: Press the Start Test button to start or restart a Test. Please do not press the Start Test	uires to rerun the test from ste r point of time. START TEST
Ste This I Put The Not	test could take up to several minutes. Please do not close the window during the test. Closing window/stopping test requires repose e purpose of this test is to determine which of their customer accounts is currently blocked from trading at that particular te: Press the Start Test button to start or restart a Test. Please do not press the Start Test tton again if you are currently running this test.	uires to rerun the test from ste r point of time. START TEST
Ste This t Pur The Not but	eps of the test: RMI API Current Prevent Instructions - Session Less test could take up to several minutes. Please do not close the window during the test. Closing window/stopping test requ rpose e purpose of this test is to determine which of their customer accounts is currently blocked from trading at that particular te: Press the Start Test button to start or restart a Test. Please do not press the Start Test tton again if you are currently running this test.	uires to rerun the test from ste r point of time. START TEST
Ste This t Put The Not but	test could take up to several minutes. Please do not close the window during the test. Closing window/stopping test requerpose e purpose of this test is to determine which of their customer accounts is currently blocked from trading at that particular te: Press the Start Test button to start or restart a Test. Please do not press the Start Test tton again if you are currently running this test. scription Over an RMI API connection, submit a Party Entitlement Definition Request to prevent order entry [Ens message is same as the assigned SenderComp ID]	ares to rerun the test from ste r point of time. START TEST Statu sure StD in the
Ste This t Pur The Not but	test could take up to several minutes. Please do not close the window during the test.Closing window/stopping test requerpose e purpose of this test is to determine which of their customer accounts is currently blocked from trading at that particular te: Press the Start Test button to start or restart a Test. Please do not press the Start Test tton again if you are currently running this test. scription Over an RMI API connection, submit a Party Entitlement Definition Request to prevent order entry [Ens message is same as the assigned SenderComp ID] Receive and process the Party Entitlement Definition Request Acknowledgement	vires to rerun the test from ste r point of time. START TES Statu sure SID in the
Ste This t Pur The Not but 1 2 3	Provide the several minutes. Please do not close the window during the test. Closing window/stopping test requerivations repose e purpose of this test is to determine which of their customer accounts is currently blocked from trading at that particular test Press the Start Test button to start or restart a Test. Please do not press the Start Test tton again if you are currently running this test. secription Over an RMI API connection, submit a Party Entitlement Definition Request to prevent order entry [Ens message is same as the assigned SenderComp ID] Receive and process the Party Entitlement Definition Request Acknowledgement Submit a Party Entitlements Request to determine current prevent instructions	vires to rerun the test from ste r point of time. START TEST statu sure SID in the
Ste This t Pur The Not but 1 2 3 4	Proper of the test: RMI API Current Prevent Instructions - Session Less test could take up to several minutes. Please do not close the window during the test.Closing window/stopping test requ rpose e purpose of this test is to determine which of their customer accounts is currently blocked from trading at that particular te: Press the Start Test button to start or restart a Test. Please do not press the Start Test tton again if you are currently running this test. scription Over an RMI API connection, submit a Party Entitlement Definition Request to prevent order entry [Ens message is same as the assigned SenderComp ID] Receive and process the Party Entitlement Definition Request Acknowledgement Submit a Party Entitlements Request to determine current prevent instructions Receive and process the Party Entitlements Report	r point of time. START TESI URL SID in the

To test session-less current prevent instructions:

Click **START TEST** to begin.

For the RMI API Session-Less Connectivity test, submit and receive the following messages:

- 1. Submit Party Entitlement Definition Request
- 2. Receive Party Entitlement Definition Request Acknowledgement
- 3. Submit Party Entitlement Definition Request to determine prevent instructions
- 4. Receive Party Entitlements Report

RMI API Rejection Scenario

8. Rejection Scenario

This test verifies that for instances when a client system does not send messages in proper format, the API generates a business reject message. In addition, the test verifies that a client system can process the business reject message.

This test is mandatory if the interview response is:

• What types of connectivity does your system support: Session-less RMI API connectivity

	Current Testing Configuration					
Company Name:	MEALER THE ME	Tester:	Reservation of Station			
System Profile:	RMI API - Automated Trading System 1.2	TestSuite:	RMI API			
		Test Suite Status	S:			
SenderComp :	UNASSIGN	Pre-Certification Interv Test Suite Status: <u>RMI API Online Help</u>	view : Complete In Progress			
Interview Test	uite Test Case Post Certification					
This tes Purp The p Also, Note: butto	t could take up to several minutes. Please do not close the window during the test. Closin ose urpose of this test is to verify that, when the client system does not send messages in p the client systems should be able to process the business reject message. Press the Start Test button to start or restart a Test. Please do not press the n again if you are currently running this test.	g window/stopping test requi roper format, the API generation Start Test	es the business reject message.			
Desc	ription		Status			
1	Over an RMI API connection, submit a User Request - Logon message. [En: assigned SenderComp ID]	sure SID in the message i	is same as the			
2	Receive and process a User Response - Logon Confirmation message					
3	Submit a Party Entitlement Definition Request to prevent order entry					
4	Receive and process the Business Message Reject					
5	Submit a Party Entitlement Definition Request to prevent order entry					
6	Receive and process the Party Entitlement Definition Request Acknowledge	ement	۲			
7	Submit a Logout message		۲			
8	Receive and process a User Response - Logout Confirmation message					
REF	ESH	Key: 🏐 not tested	● complete 🥚 pending ● faile d			

To run a rejection scenario test:

Click START TEST to begin.

 \triangleright

For the RMI API Session-Based Connectivity test, receive and submit the following messages:

1. Submit User Request - Logon

- 2. Receive User Request Logon Confirmation
- 3. Submit Party Entitlement Definition Request to prevent order entry
- 4. Receive Business Message Reject
- 5. Submit Party Entitlement Definition Request to prevent order entry
- 6. Receive Party Entitlements Definition Request Acknowledgement
- 7. Submit Logout
- 8. Receive User Request Logout Confirmation

9. Rejection Scenario (Session-less)

This test verifies that for instances when a client system does not send messages in proper format, the API generates a business reject message. In addition, the test verifies that a client system can process the business reject message.

This test is mandatory if the interview responses are:

• What types of connectivity does your system support: Session-less RMI API connectivity

			(Current Testing	Configuratio	'n			
Company Name	c	NEWS REPORT				Tester:	Canadia	Ro Trans	
System Profile:		RMI API - Automated Tra	ding System 1.2	•		TestSuite:	RMI AS	PI 👻	
						Test Suite Status	8:		
SenderComp :		UNASSIGN				Pre-Certification Interv Test Suite Status: RMI API Online Help	view :	Complete In Progress	
Interview	Test S	uite Test Case	Post Certification						
T	Purpo The pu Also, t	s of the test: KMI could take up to several se urpose of this test is to ve he client systems should	API Rejection minutes. Please do not rify that, when the clien be able to process the l	Scenario - Sess close the window during nt system does not send business reject message	tion Less g the test.Closing wi messages in prope e.	ndow/stopping test requi	res to re	run the test from ste siness reject messa	ip1. ige.
	Note: butto	Press the Start Test b n again if you are curre	utton to start or rest only running this tes	art a Test. Please do i it.	not press the Sta	rt Test		START TEST	
1	Desc	ription						Statu	IS
	1	Over an RMI API con message is same a	nection, submit a Pa is the assigned Seno	rty Entitlement Definit derComp ID]	ion Request to pr	event order entry [Enst	ure SID	in the	
[2	Receive and proces	s the Business Mess	sage Reject					
ſ	3	Submit a Party Entit	ement Definition Red	quest to prevent order	entry				
[4	Receive and proces	s the Party Entitleme	nt Definition Request	Acknowledgemer	nt)
	REFR	ESH				Key: 🕘 not tested	• comp	lete 😑 pending 🔴	faile

To run a session-less rejection scenario test:

Click **START TEST** to begin.

For the RMI API Session-Less Connectivity test, receive and submit the following messages:

- 1. Submit Party Entitlement Definition Request to prevent order entry
- 2. Receive Business Message Reject
- 3. Submit Party Entitlement Definition Request to prevent order entry
- 4. Receive Party Entitlements Definition Request Acknowledgement

RMI API Order Mass Action Request

10. Order Mass Action Request

This test verifies that a client system allows a Clearing Member Firm (CMF) to submit instructions to cancel working orders, including Good Till Cancel and Good Till Date order types at the Execution Firm, Account and Exchange levels.

This test is mandatory if the *interview* responses are:

- What types of connectivity does your system support: Session-based RMI API connectivity
- Does your system support order routing permissioning via the RMI API: Yes

	A COURT MER NO TO MERCHAN PERMAN OD THE LEADE THE WEIGHT	from step1.		
Puroose				
The p Date	The purpose of this test is to verify that Client system will allow CMF to submit instructions to cancel working orders, including Good Till Cancel and Good Ti Date order types at the Execution Firm, Account and Exchange levels.			
Dee	vision	Status		
1	Over an RMI API connection, submit a User Request - Logon message. [Ensure SID in the message is same as the assigned SenderComp ID]			
2	Receive and process a User Response - Logon Confirmation message	٠		
3	Submit Order Mass Action Request	۲		
4	Receive and process the Order Mass Action Report	•		
5	Submit a Logout message	۲		

To run an order mass action request test:

Click START TEST to begin.

For the RMI API Session-Based Connectivity test, submit and receive the following messages:

- 1. Submit User Request Logon
- 2. Receive User Request Logon Confirmation
- 3. Submit Order Mass Action Request
- 4. Receive Order Mass Action Report
- 5. Submit Logout
- 6. Receive User Request Logout Confirmation

11. Order Mass Action Request (Session-less)

This test verifies that a client system allows a Clearing Member Firm (CMF) to submit instructions to cancel working orders, including Good Till Cancel and Good Till Date order types at the Execution Firm, Account and Exchange levels.

This test is mandatory if the interview responses are:

- What types of connectivity does your system support: Session-less RMI API connectivity
- Does your system support order routing permissioning via the RMI API: Yes

Step	s of the test: RMI API Order Mass Action Request - Session Less		
This te	st could take up to several minutes. Please do not close the window during the test. Closing window/stopping test requires to rerun the test	t from step1.	
Purp	Purpose		
The p Date	The purpose of this test is to verify that Client system will allow CMF to submit instructions to cancel working orders, including Good Till Cancel and Good Till Date order types at the Execution Firm, Account and Exchange levels.		
Des	ription	Status	
1	Submit Order Mass Action Request	۲	
2	Receive and process the Order Mass Action Report	•	

To run a sesssion-less order mass action request test:

Click START TEST to begin.

For the RMI API Session-Less Connectivity test, submit and receive the following messages:

- 1. Submit Order Mass Action Request
- 2. Receive Order Mass Action Report