

# CME ClearPort® API v.2.0 Certification Registration Form

This form specifies and provides the Exchange with the company and user identifiers, IP addresses and Port numbers that CME Administration will use to define connections to the Certification servers. The Exchange will provide a corresponding IP address and port number for the test environment.

## Test User Information

Full Name of Firm:

Full Name of User:

CME Group ID:

SenderSub ID (API ID):

## ISV Information (if applicable)

Vendor Company Name:

Contact Name:

Contact Phone:

Contact E-mail Address:

## Firm Type (Please select all that apply):

Active Trader Firm (Single Sided Deal Submission ONLY)

Asset Manager Firm (Single Sided Deal Submission ONLY – CDS and OTC FX Development)

Broker Firm (Dual and Single Sided Deal Submission)

ISV Firm (Software Developer on behalf of an Active Trader, Asset Manager, Broker and/or Platform Firms)

Platform Firm (Proprietary Trading System supporting Active Trader, Asset Manager and/or Broker Firms)

REDCode Licensed (CDS Development Only)

## Exchange Division (Please select all that apply):

Chicago Board of Trade (CBT)

Credit Default Swap Exchange (CMD)

Chicago Mercantile Exchange (CME)

Dubai Mercantile Exchange (DME)

Commodity Exchange (COMEX)

New York Mercantile Exchange (NYMEX)

## Preferred Mode of Connection to CME (check all that apply)

HTTPS Session Based

Lease line connectivity into CME facilities

HTTPS Session-less

VPN Connectivity into CME facilities

IBM MQ Series

## If using IBM MQ Series Connection to CME (check only one)

IBM MQ Series Server

IBM MQ Series Client

## If using IBM MQ Series Client, please answer the following questions

What type of OS is your application server that will connect via IBM MQ Series Client to CME Group MQ?

What type of application will be connecting via IBM MQ Series Client to CME Group MQ?

**Connection Blocks:** To have multiple users at one time you will need multiple connection blocks, unless you have a concentration of users able to use on connection block.

# CME Group Section

To be completed by the Exchange.

**Please note: The CME Group offers two (2) testing environments.**

1. **Certification (CERT) Environment** – This environment is intended to reflect our production environment from an application version perspective. As such customers preparing for near term launches would generally certify/test in this environment.
2. **New Release (NR) Environment** – This environment is intended to reflect the future state of our production environment. As such customers looking to prepare for future production software launches (associated with new functionality and/or configurations) would generally certify/test in this environment.

## HTTPS Target Information

Use this information to connect to the ClearPort API via HTTPS Session or Session-less connections.

NR Target IP Address:	164.74.123.205
NR Target Port Address:	443
NR Target Company ID:	CME
NR Target URL:	<a href="https://ClearPortNR.cmegroup.com/cpc/UnoApiHandler.api">https://ClearPortNR.cmegroup.com/cpc/UnoApiHandler.api</a>
NR Target Session-less URL:	<a href="https://ClearPortNR.cmegroup.com/cpc/unoapi/UnoApiHandler.api">https://ClearPortNR.cmegroup.com/cpc/unoapi/UnoApiHandler.api</a>

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CERT Target IP Address:	164.74.123.203
CERT Target Port Address:	443
CERT Target Company ID:	CME
CERT Target URL:	<a href="https://ClearPortCERT.cmegroup.com/cpc/UnoApiHandler.api">https://ClearPortCERT.cmegroup.com/cpc/UnoApiHandler.api</a>
CERT Target Session-less URL:	<a href="https://ClearPortCERT.cmegroup.com/cpc/unoapi/UnoApiHandler.api">https://ClearPortCERT.cmegroup.com/cpc/unoapi/UnoApiHandler.api</a>

## MQ Queue Information

Use this information to connect to the ClearPort API via MQ connections.

Channel Name:	CME MQ Listener:
CME Queue Manager Name:	Local queue for messages to CME:
Local queue for messages to the client:	

## CME ClearPort API

Firm Name:	Firm ID:
Sender Company ID (SID):	

## CME ClearPort® (CP) GUI

To view and confirm the trades submitted on the CME ClearPort® API, use the following links to the CME ClearPort® (CP) GUI.

Website (CERT):	Website (NR):
Firm Name:	Firm ID:
User Name (login ID):	Password
Test Account Numbers:	Test Contracts:

# CME Group Login ID & API Creation

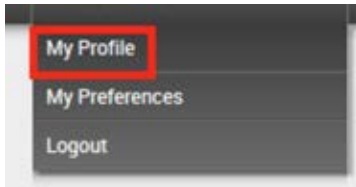
1. **Create a CME Group Login ID if you do not already have one. Register for a CME Group Login here:** <https://login.cmegroup.com/sso/register/>

- a. Complete the sections for Contact Information, Login Information, and Security Question.
- b. Continue and confirm.

2. **Activate your CME Group Login ID:** After your profile has been created, the system sends an email to the address provided in the profile. Simply click on the activation link in the body of the email to activate your CME Group Login ID.

3. **If you have a CME Group Login ID, login here:** <https://login.cmegroup.com/>

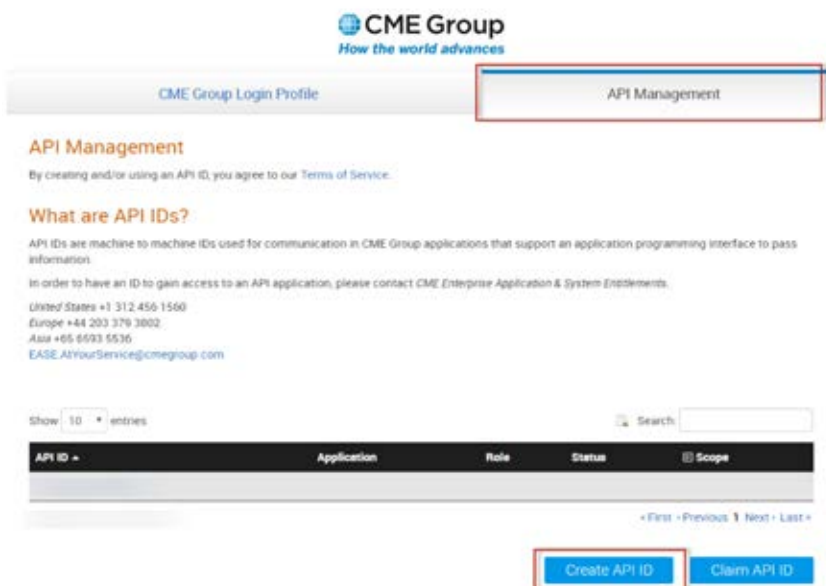
- a. Go to My Profile (*upper right, under your name*)



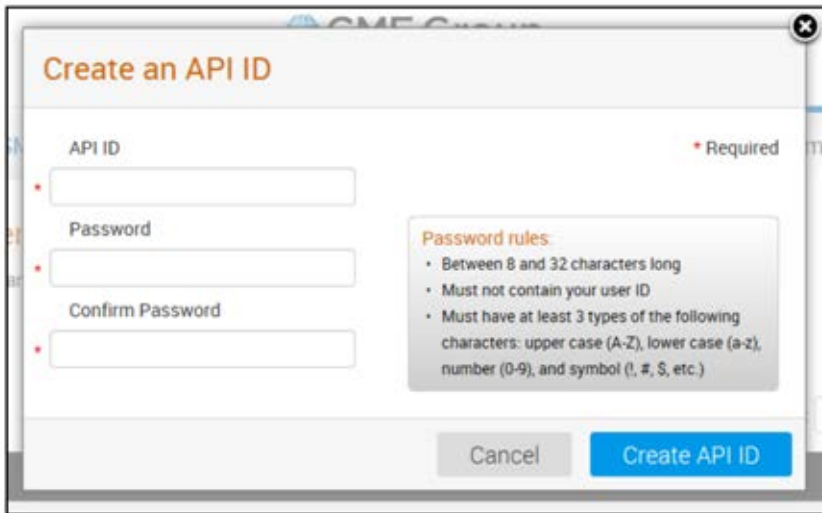
4. **Select the API Management Tab.**



5. **Click Create API ID button.**



6. Plug in new API ID and password in the pop-up box and submit.



**Create an API ID**

API ID \* Required

Password

Confirm Password

**Password rules:**

- Between 8 and 32 characters long
- Must not contain your user ID
- Must have at least 3 types of the following characters: upper case (A-Z), lower case (a-z), number (0-9), and symbol (!, #, \$, etc.)

Cancel Create API ID

7. Create as many API IDs as necessary. We strongly encourage unique API IDs for each environment to ensure clarity on which environment the API ID is connecting.

There is a required format for API IDs, all API IDs must begin with API\_

**Suggested formats per environment:**

For Production: API\_FIRMNAME\_PROD

For New Release: API\_FIRMNAME\_NR

For Certification: API\_FIRMNAME\_CERT