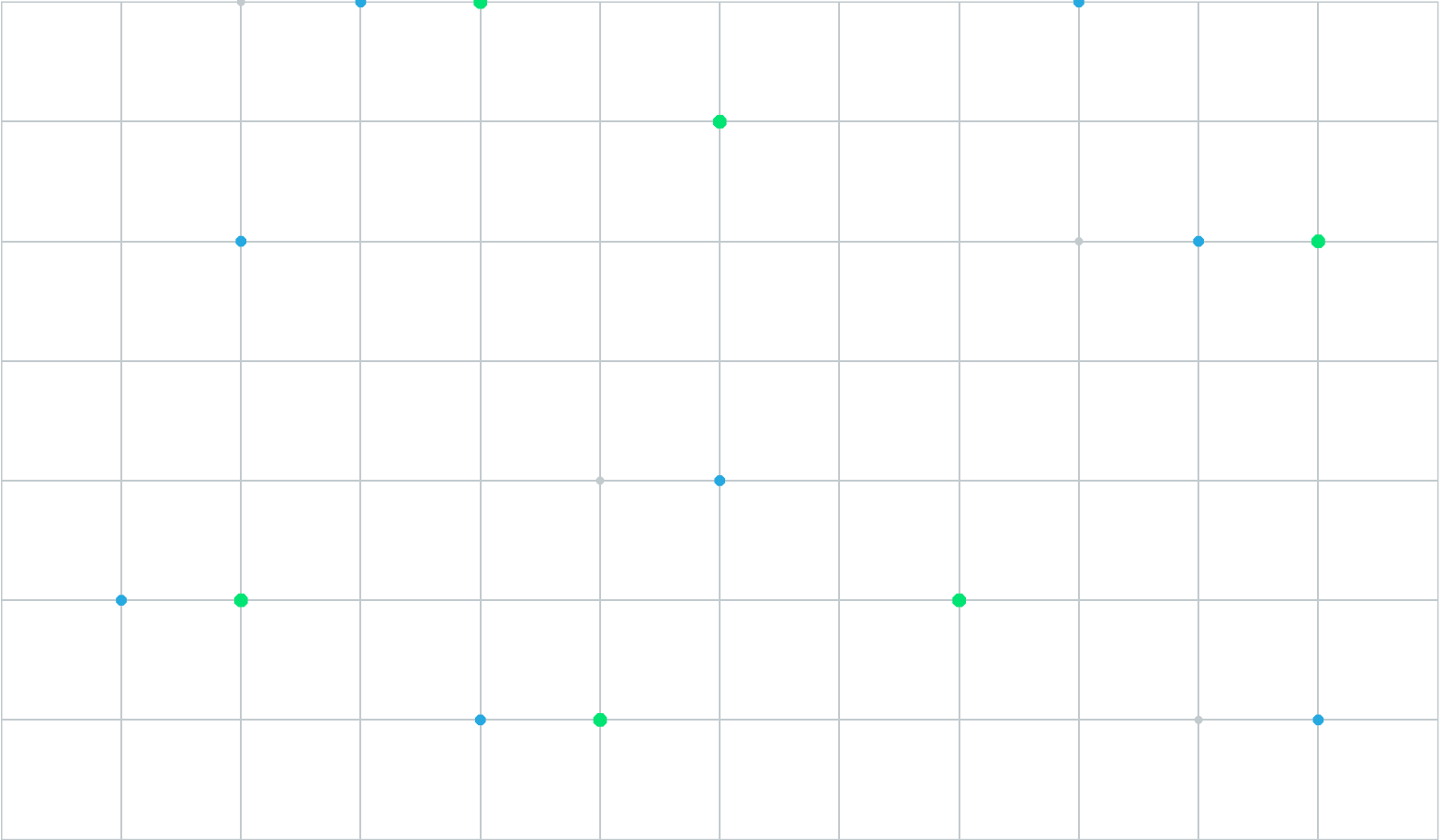


# 2025 FIA Test Script

October 25, 2025 – FIA DR Exercise

Ping Tests: September 13 & October 11



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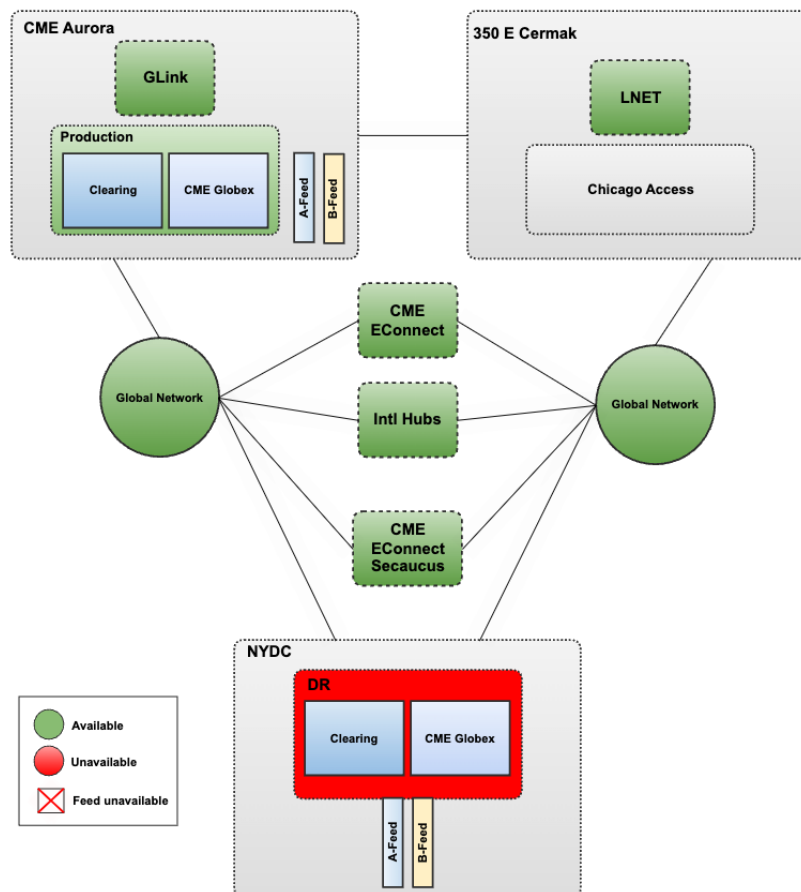
# 1. Important Information

On Saturday, October 25, CME Group will participate in the Futures Industry Association (FIA) DR test. CME Group will make available CME Globex and CME Clearing systems in their backup environments. The test window will commence at 9:00 a.m. and conclude at 1:00 p.m. Eastern Time. Products on all CME Group exchanges (CME, CBOT, NYMEX, and COMEX) will be available for testing.

## 1.1 Scenarios

### Network Description of Production Operations and Outlined Scenarios

During normal operations, CME Globex applications and environments run out of the primary data center. This facility also houses CME Group Co-Location. All global customer connectivity is routed back to this facility via the CME Group network. CME Clearing applications either run out of the primary data center or one of our GCP regions. Backup applications will be unavailable to customers during normal operations.



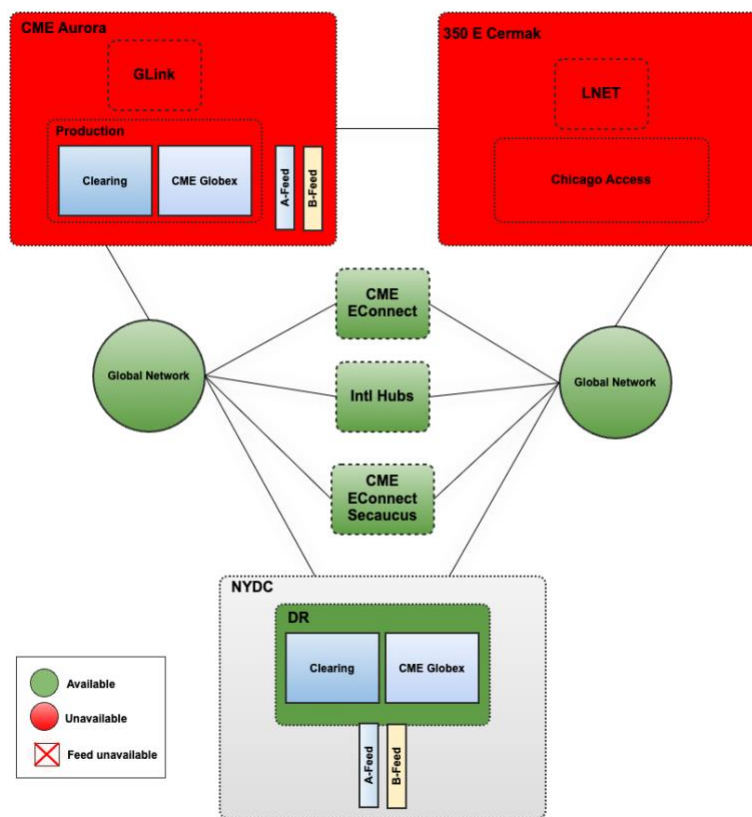
### Test Scope: Disaster Recovery Scenarios

The primary Chicago data center houses some CME Clearing applications including FEC Plus, MQ, and sFTP, as well as CME Globex markets and Co-location services. The out-of-region disaster recovery datacenter houses the backup instances for these services and applications. CME will exercise two different failure scenarios, and our DR datacenter will be accessible via the network depending on the failure situations highlighted in the following two scenarios. **Customers connect to both production and DR applications via the same IP address (MQ) or DNS name (sFTP - sftpng.cmegroup.com)**

This topic highlights the potential scenarios that could impact customer connectivity during a disaster in Chicago. In these 2 scenarios, both Clearing and Globex will be available via the disaster recovery facility.

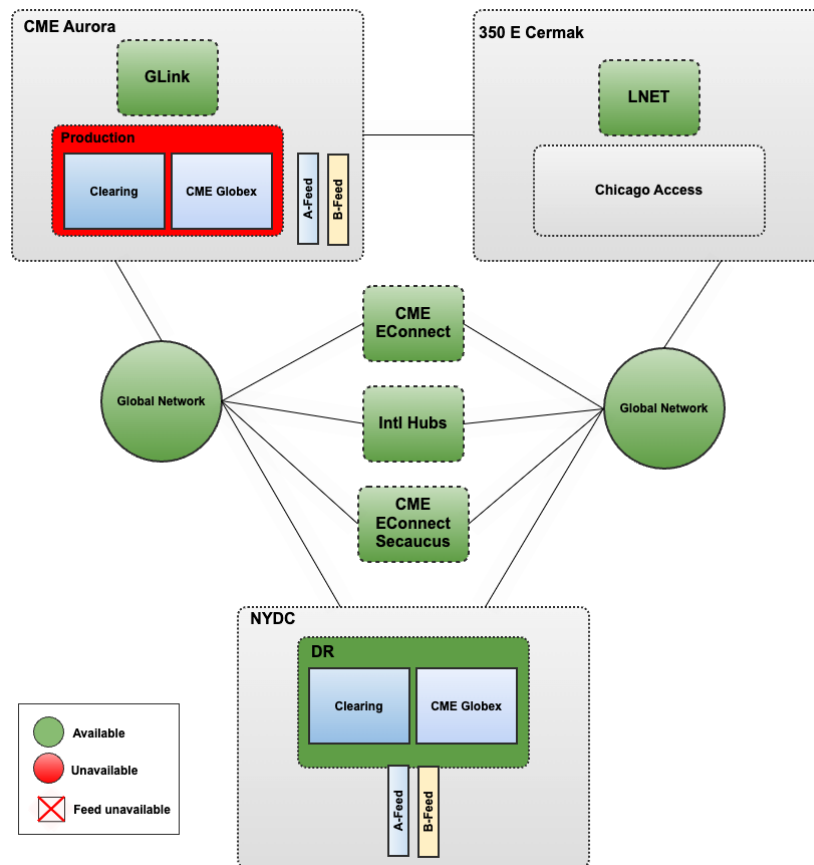
**Scenario 1: Regional: Chicago Metropolitan Disaster:** All CME Group Chicago area datacenters are down, and customers will be re-directed to the disaster recovery facility. **Note: Because GLink and LNET are “in-region” they are not available in this first scenario.** Firms that wish to participate in this first scenario and submit test trades during this window must utilize their back-up order routing facilities. Customer **connectivity that is not dependent on Chicago area data centers will be maintained**; there will be no changes required by these customers.

**TIMING:** This scenario will run for approximately the first hour of the test window (9-10:00 a.m. Eastern Time.) CME Group will communicate the start and end times for this scenario on the FIA conference call.



**Scenario 2: Primary Data Center Production Room Failure: Co-location Services Available:** In this second scenario, only CME Group applications in the clearing and trading production environments are disabled in the primary data center. Glink and LNET are available to customers and traffic will be re-directed to the disaster recovery facility. **All methods of customer connectivity are available in this scenario and CME Group will redirect customer connections to our DR clearing and trading systems.** Firms submitting test trades during this window can now utilize their primary order routing facilities.

**TIMING:** This scenario will run for the last three hours of the test window, from approximately 10:00 a.m. to 1:00 p.m. Eastern Time. CME Group will communicate the start and end times for this scenario on the FIA conference call.



## 2. Communications / Test Day Support

Customer support during the test window will be available via the CME Group Global Command Center (GCC). Please call the GCC with any connectivity issues during the exercise.

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- **The GCC is your main point of contact.**
  - United States: **+1 800 438 8616**
  - Europe **+44 20 7623 4747**
  - Asia **+65 6532 5010**
  - Japan **+81 3 6733 7559**
- **Pre-test/Ping test questions and questions about your MQ IPs can be directed to CME Clearing:**
  - United States: **+1 312 207 2525**
  - Europe: **+44 20 3379 3198**
  - Asia: **+65 6593 5591**
  - [ccs@cmegroup.com](mailto:ccs@cmegroup.com)
- **Any questions prior to, during or after the test may be directed to Operational Resilience at [opres@cmegroup.com](mailto:opres@cmegroup.com).**

## 3. Pre-Test Connectivity Certification / Ping Testing

In preparation for the October 25 test, CME Group will host two mandatory preliminary MQ Ping tests for member firms on Saturday, **September 13** and Saturday, **October 11** from **8:00 a.m. to 1:00 p.m. Eastern Time**.

Firms are only required to participate in one of the MQ Ping tests.

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The purpose of these preliminary tests is to help ensure that firms can connect from their DR sites to CME Group's back-up DR site. **There should be no changes required on your part. If you are unsure how you should connect, please contact [CME Clearing client services](#) to obtain or confirm the IP address for MQ or DNS for sFTP used during testing.** If you have any questions concerning the Ping tests or if you encounter any problems while testing, please do not hesitate to [contact us](#).

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## Preliminary Ping Testing Components

**Clearing Member firms should continue to point to the normal Production IP addresses and DNS names.**

There will be **two components to this testing**, both to be tested on your firm's designated pretest date: TBD per firms' registration via FIA website.

- **MQ Ping:** CME Group and firm staff must complete an MQ ping. No real MQ messages will be sent since we are only testing access to back-up MQ queues and do not want firm messages to be sent to them in error. Firms should make certain that there are NO messages in your outbound (TRADIN) queues before you begin your test. If messages are sent to the CME back-up systems, they cannot be retrieved by CME Group and moved to Production MQ queues; although, firms can certainly resend them.
- **sFTP Access:** Firms will test their sFTP connection using the Production DNS name, `sftpng.cmegroup.com`, on the same pre-test date they designate on the FIA registration form.
  - **sFTP Access Requirements**  
To access and utilize CME sFTP services, firms need the following:
    - Access to the Internet
    - FTP software that supports SSH/sFTP protocol
    - A CME FTP user ID and password and your CME assigned sFTP directory

**Important:** For a complete list of CME Group IP addresses and port numbers (including those for sFTP if your firm's systems require an IP address to connect to sFTP,) please contact [CME Clearing](#).

**Note:** Please ensure your firm has appropriate resources available to complete this portion of the pre-test connectivity. (i.e. Network, MQ, etc.) While confirming connectivity is done on a pre-testing basis, pushing/pulling files to the sFTP servers will only be completed on October 25.

## 4. October 25 Disaster Recovery Failover

CME Group will failover CME Globex and CME Clearing systems per its standard disaster recovery failover procedures. We expect this to be completed by 9:00 a.m. Eastern Time on the morning of the test and will announce on the FIA conference call when DR Systems are available for testing and in an Open state.

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### 4.1.1. Test Date Trade Entry – no CME Globex Pre-Opening

On the day of the test, CME Globex DR systems will be available; **there is no Pre-Opening state on Saturdays**. We anticipate that the system should be available at approximately 9:00 a.m. Eastern Time and will make an announcement on the FIA conference call confirming availability.

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### 4.1.2. Trade Entry and Submission to Hosted Exchanges

Trades entered into CME Globex during the exercise will be processed through to the appropriate hosted clearing organization.

**For this exercise, the valid trade date is October 27.**

Trade Entry – Entering Test Trades into Globex

Enter 5-10 test trades at the settlement price in the market you choose. **Firms can enter trades via iLink, CME Direct on a CME Globex product, and/or CME Direct Block trades** (if applicable to your firm.)

Firms may receive crossed trades and/or trades with other counterparties.

Trade reporting to firms' back-office systems should be verified and then deleted.

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### 4.1.3. Clearing Test

#### Component 1 – Clearing Connectivity:

To execute the test script, please make the following three connectivity implementations. You can gather the necessary information via the [CME Group Clearing Services \(CCS\) team](#).

1. **MQ Messaging:** Route your channels from your DR systems to the normal CME Production IP address; CME Group will reroute your traffic to the DR systems.
  2. **sFTP:** Firms should continue to point to the Production sFTP DNS name (sftpng.cmegroup.com) and CME Group will reroute your traffic to the DR site.
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3. **Front End Clearing (FEC):** Use the same User ID and Password that you use in the production environment.

#### **Component 2 – EX-Pit (Block Trade) Entry (If applicable to your business):**

1. Login to CME ClearPort or CME Direct.
2. Access the Block Trade Entry screen, enter a block trade relevant to your business and hit the **Save** button.
3. Conduct a **Normal Search** using **Search Type Block** and verify that the trades you entered are in the system.

#### **Component 3 – PCS, CGM, Large Trader Reports:**

Please FTP the PCS (**PCS.CMF\_999.xml**) CGM (**CGM.xxx.01.xml**) and Large Trader (**PFTP.F999RPS.DATA**) files from either Thursday, October 23 or Friday, October 24.

#### **Component 4 – Trade Register and SPAN File:**

1. After CME Group receives your PCS, Large Trader and CGM files, we will make available Thursday's Trade Registry and SPAN file.

**Trade Register file name:** FIXML-xxx\_zzz\_EOD-yyyyddmm.xml.zip  
(Where xxx is the firm number, and zzz is the exchange (CME, CBT, NYMEX))

**SPAN file name:** cme.s.pa2, cme.s.pa2.zip, cme.c.pa2, cme.c.pa2.zip, cme.date.s.pa2.zip, and cme.date.c.pa2.zip

2. After verifying receipt of these files please delete them, **revert to your Production systems** and complete the 2025 results form (available on the FIA website or by contacting CME Group at [opres@cmegroup.com](mailto:opres@cmegroup.com). You should then call the **GCC** to recap the test results.

## 5. How to Communicate with us on October 25

CME Group will communicate milestones (open, phase 1, phase 2, etc.) on the FIA conference call. Your main point of contact for firm-specific questions or help is the GCC.

- United States: **+1 800 438 8616**
- Europe **+44 20 7623 4747**
- Asia **+65 6532 5010**
- Japan **+81 3 6733 7559**

Test participants may also contact the [Operational Resilience team](#) or [CME Group Clearing Customer Support \(CCS\)](#).

CME Group will be on the FIA conference call for the duration of the test for questions; however, we ask that you use our GCC, CME Clearing, or Operational Resilience contacts for questions specific to your firm or testing as this will better enable us to help you troubleshoot more quickly.

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## 6. End of Test

When you have completed your testing, please contact the GCC to acknowledge test completion and then complete/submit the test questionnaire posted on the FIA website.

CME Group prioritizes operational resilience, and we appreciate you taking the time to test with us. You can learn more about Operational Resilience at CME Group on our [website](#) or by contacting [opres@cmegroup.com](mailto:opres@cmegroup.com).

