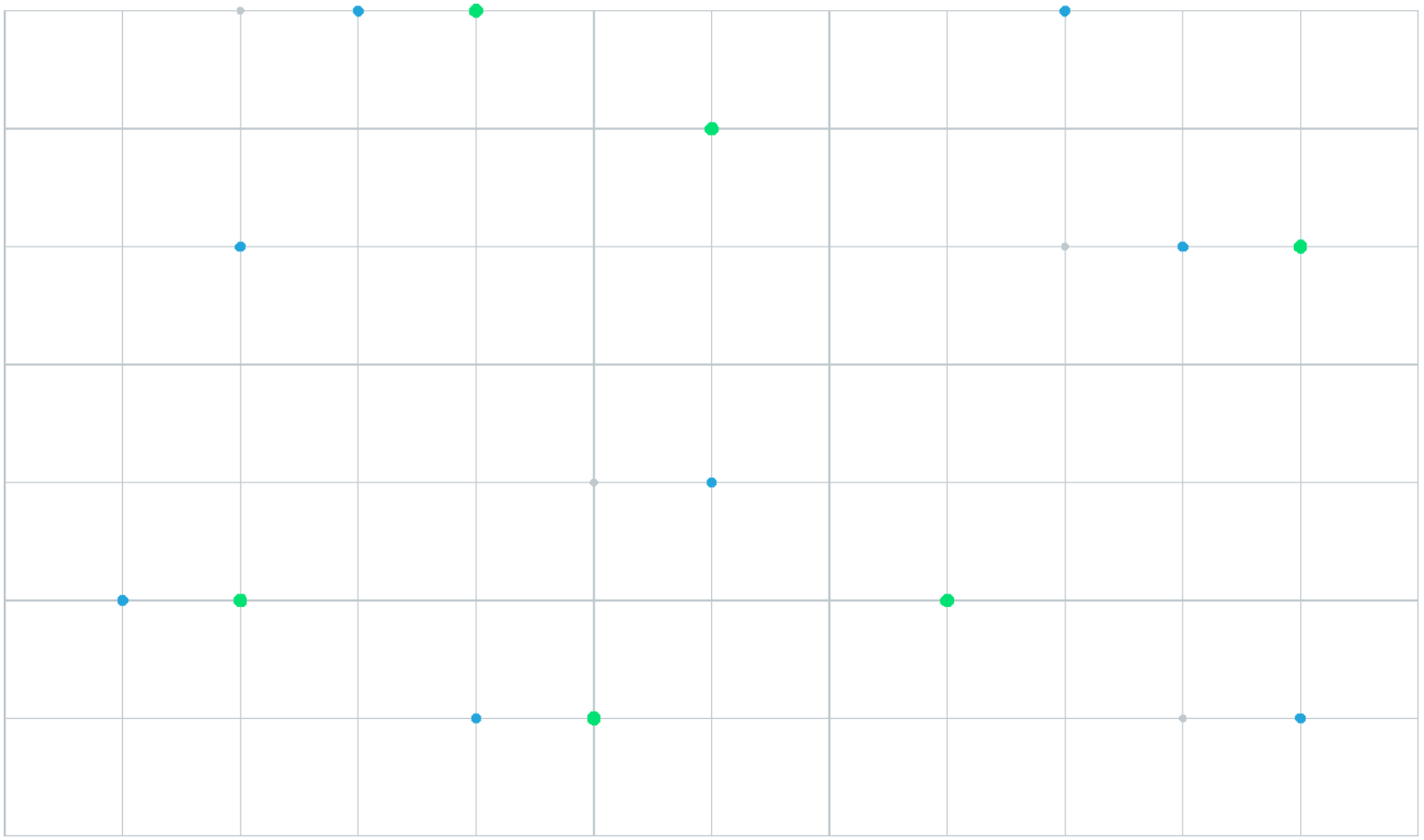
CME Group

2026 FIA Test Script

October 24, 2026 – FIA DR Exercise

Ping Tests: September 26 & October 3



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1. Important Information

On Saturday, October 24, CME Clearing and CME Globex futures and options markets will participate in the Futures Industry Association (FIA) Disaster Recovery (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 12:00 p.m. Eastern Time (ET). Products on all CME Group exchanges (CME, CBOT, NYMEX, and COMEX) will be available for testing.

**Certain CME Clearing systems have migrated to the cloud and follow a regional rotation model rather than a primary/backup model. Production clearing systems regularly operate from different regions, which is seamless to customers. Participants should connect to clearing systems as they always do. Additional information on MQ connectivity can be found within this document.*

New this year:

Test Window

The test window will run from 9:00 a.m. – 12:00 p.m. ET. This is **one hour shorter** than previous exercises.

Connectivity Scenario

There will be **only one connectivity scenario this year**, where previously there were two. For the entire duration of the test window, primary Colo GLink at the Aurora datacenter will not be available. Participants will be able to connect from all locations including LNET/Cermak, EConnect and all International Hub locations. **Those using LNET must use the B feed.**

1.1 Scenario

Normal Production Operations Overview

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.

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CME Clearing applications either run out of the primary data center or one of our Google Cloud Platform (GCP) regions. Some clearing applications in the cloud participate in a regional rotation model, whereby these applications operate as primary on one region for a time and switch to operating primary in a second region. Transitions between regions are seamless to customers.

Applications which do not operate in a regional rotation model operate in a primary/backup configuration and backup/disaster recovery systems are unavailable to customers during normal operations.

Test Scope: Disaster Recovery Scenario
The primary Aurora, Illinois, data center houses some CME Clearing applications, including sFTP, MQ for a subset of ISVs and clearing firms, 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. Many CME Clearing applications, including FEC Plus, run from GCP. Many GCP applications run production in a regional rotation, as described above. In all cases, firms and ISVs should connect to the same URLs and IP addresses as they normally do.

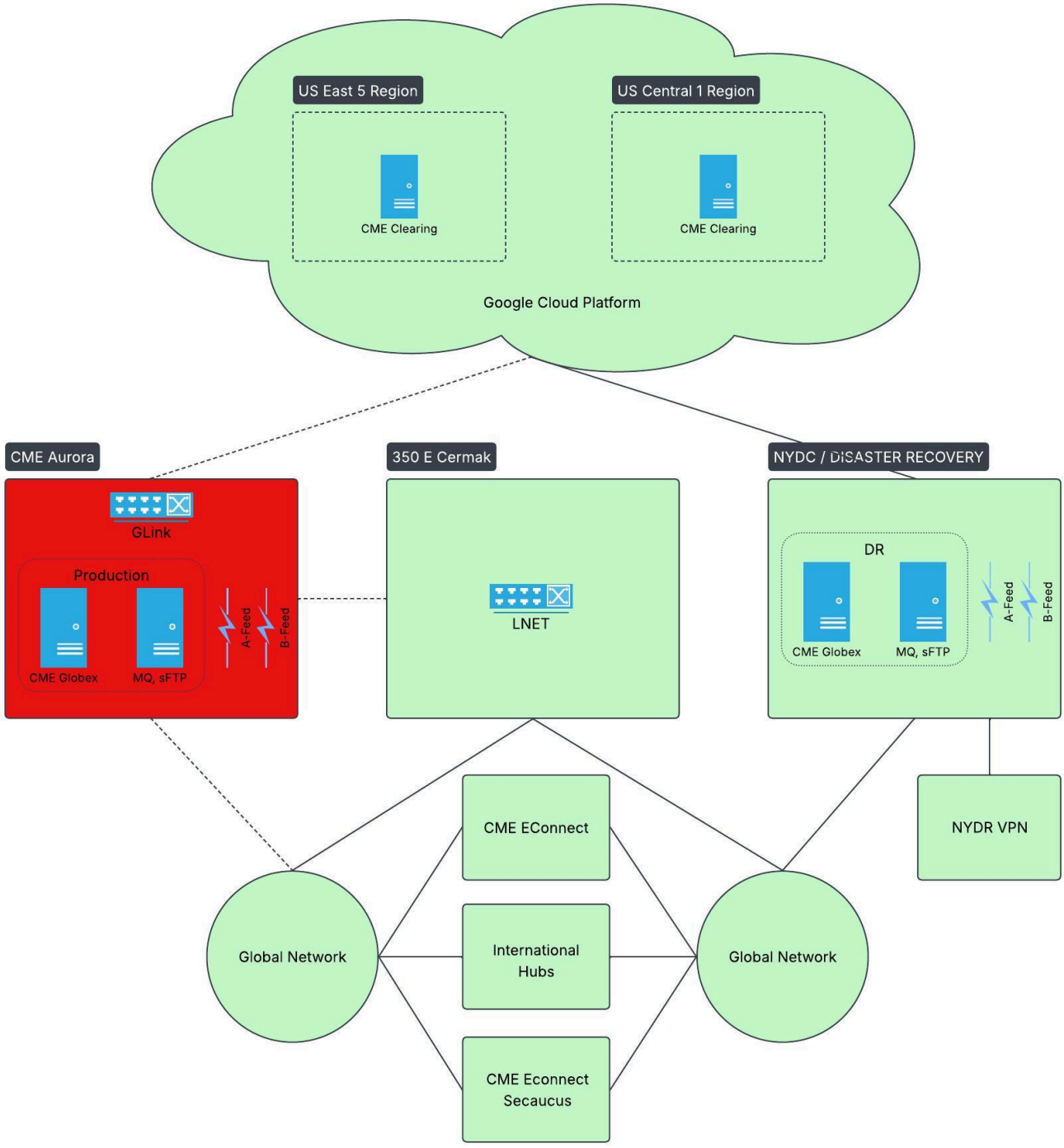
For applications that are configured in a primary/backup model, CME Group will route your traffic to the backup/disaster recovery instance of the application. For applications that are configured in a regional rotation model, CME Group will route your traffic to the region serving as production.

As mentioned at the top of this document, **CME Group will exercise one connectivity scenario. Customers should connect via the same IP addresses or URLs as they normally do.**

This scenario simulates an event that renders our CME Aurora datacenter unavailable. Any clearing systems that run out of this datacenter, as well as CME Globex markets, will fail to their DR instances. Applications in GCP are not impacted in this scenario.

Scenario: Aurora Datacenter Outage: The CME Aurora datacenter is down, and customers will access backup applications in the disaster recovery facility. **Note: Because GLink is hosted at the production/CME Aurora datacenter, it is not available in this scenario.** Firms with primary connections in CME Aurora must utilize their back-up order routing facilities. Firms that connect via GLink/CME Aurora and do not have backup connectivity to CME will not be able to participate in this exercise. Customer **connectivity that is not dependent on GLink/CME Aurora will be maintained**; there will be no changes required by these customers.

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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.

- **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**
  - **gcc@cmegroup.com**
- **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**
- **Any questions prior to, during or after the test may be directed to Operational Resilience at opres@cmegroup.com.**

3. Pre-Test Connectivity Certification/Ping Testing

In preparation for the October 24 test, CME Group will host two preliminary MQ Ping tests for member firms on **Saturday, September 26** and **Saturday, October 3** from 8:00 a.m. to 1:00 p.m. ET.

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. Firms that have migrated to GCP MQ as well as those that are still connecting to our on-premises solution should plan to participate. **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.

Do I need to participate in the September 26/October 3 MQ Ping and sFTP tests?

Mandatory MQ pre-testing is required if your firm has:

- Not migrated to GCP MQ
- Migrated to GCP and you plan to connect using your DR systems on October 24

You do not have to participate in pre-testing if you have migrated to GCP and intend to use your production systems to connect to CME Clearing MQ on October 24.

Mandatory sFTP pre-testing is required if your firm has:

- Not migrated to GCP sFTP
- Migrated to GCP sFTP and you plan to connect using your DR systems on October 24

You do not have to participate in sFTP pre-testing if you have migrated to GCP and intend to use your production systems to connect to CME Clearing sFTP on October 24.

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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 that have not yet migrated their SFTP connectivity to the cloud will test their sFTP connection using the on-prem Production DNS name., sftpng.cmegroup.com**,** on the same pre-test date they designate on the FIA registration form. Firms that have finished migrating their SFTP connectivity to the cloud (as outlined in Clearing Advisory 26-227) will test their SFTP using the cloud Production DNS name, sftpx.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 24.

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4. October 24 Disaster Recovery Failover

CME Group will failover systems per its standard disaster recovery failover procedures. We expect this to be completed by 9:00 a.m. ET 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.

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.** We anticipate that the system should be available at approximately 9:00 a.m. ET and will make an announcement on the FIA conference call confirming availability.

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 Clearing trade date is October 26.

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.

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 route your traffic to our systems.

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2. **sFTP: Depending on whether the firm has finished migrating their SFTP connectivity from on-prem to the cloud,** firms should continue to point to either the on-prem Production sFTP DNS name (sftpng.cmegroup.com) or the cloud Production SFTP DNS same (sftpx.cmegroup.com) and CME Group will reroute your traffic to the DR site.

3. **Front End Clearing (FEC):** Use your regular User ID and Password.

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

1. Log in 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 22 or Friday, October 23.

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 2026 results form (available on the FIA website or by contacting CME Group at opres@cmegroup.com. You should then call the GCC to recap the test results.

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5. How to Communicate with us on October 24

CME Group will communicate milestones and system availability 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**
- gcc@cmegroup.com

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.

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