NYSE CHICAGO DISASTER RECOVERY FAQS

QUICK REFERENCE

NYSE Chicago trades all symbols daily in the Secaucus (Equinix-NJ) NY4 datacenter. Customers must establish cross connections to the Cermak (Equinix-Chicago) CH2 datacenter to establish connectivity to NYSE in a DR scenario. Customers are also required to create datacenter independent order entry sessions at NYSE Chicago to utilize the Cermak (Equinix-Chicago) CH2 in a DR scenario.

FREQUENTLY ASKED QUESTIONS

GENERAL QUESTIONS

1. **Question:** Do the NYSE Chicago platforms perform DR testing in which customers can perform connection, order entry, drop copy, trade reporting, etc.?

   Answer: Yes. The NYSE Chicago platforms perform several weekend tests each year in conjunction with the SIFMA and Regulation SCI disaster recovery tests during which customers can access their alternate sessions to test connectivity to both NYSE Chicago environments.

2. **Question:** Do the NYSE Chicago platforms perform or allow DR testing during the week?

   Answer: On advance request, NYSE Chicago will support customers who wish to connect from their DR datacenter to the NYSE Chicago primary datacenter at NY4. NYSE Chicago does not transition to the CH2 DR datacenter for testing during the week.

3. **Question:** If I want to test with the NYSE Chicago platforms' DR datacenter on a particular weekend, and there is no test scheduled, can arrangements be made for me to test my connections?

   Answer: The NYSE Chicago platforms host several customer DR tests each year and participate in the RegSCI/SIFMA industry-coordinated tests. To receive notifications regarding upcoming DR test opportunities for the NYSE Chicago platforms, Individual DR testing requests may be requested through the NYSE Chicago Help Desk, however they will be accommodated based on availability.

4. **Question:** Where is the DR site for the NYSE Chicago platforms?

   Answer: NYSE Chicago uses the Cermak (Equinix-Chicago) CH2 datacenter as its DR site.

MARKET DATA

5. **Question:** For Market Data from DR, do I need to join new channels to receive data?

    Answer: No. The same Multicast groups and RPs are available at either the CH2 or NY4 datacenter.

6. **Question:** Can we make TCP retransmission requests to the Production IPs/Ports?

    Answer: NYSE Chicago has retransmission servers located at both data centers. The primary server is located at CH2 - 204.52.134.180.   If the CH2 server is not available, then customers should connect to the NY4 server – 204.52.134.34.   The same ports are used for either server.

7. **Question:** Will our current retransmission IDs work in DR?

    Answer: Yes. Retransmission IDs will work in either the CH2 or NY4 datacenter

8. **Question:** Is there a spreadsheet with all the Market Data Production and DR IP/Port/RP information?

    Answer: There is not a spreadsheet available publicly at this time. The information is provided upon request.

NETWORK CONNECTIVITY

9. **Question:** How do I contact the NYSE Chicago Network operations groups?

    Answer: Please contact the NYSE Chicago Network operations group using the information below:

    Jim Madro
    Network Engineer, Information Technology
    312-663-2738
    jmadro@chx.com

    John Kavanagh
    Director, Technical Services
    312-663-2507
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