Remainder and Update - Cboe Equities and Options Switch Replacements

Reference ID: C2023103101

OVERVIEW (UPDATED)

Applicable Cboe Exchanges: BYX Equities, BZX Equities, EDGA Equities, EDGX Equities, BZX Options, C2 Options, EDGX Options

Effective per the schedule below, Cboe will perform switch hardware upgrades in the BYX Equities, BZX Equities, EDGA Equities, EDGX Equities, BZX Options, C2 Options, and EDGX Options Exchange environments. The Customer Access Switch Layer in these exchanges will be upgraded to match Cboe Options Exchange (C1).

In preparation for this switch migration, as of October 30, 2023, Cboe NOC will not be accepting new cross connects or configuration changes to the NY4/NY5 U.S. Equities/Options (non-C1) environments. Cboe NOC will resume accepting orders and requested configuration changes after November 18, 2023.

TECHNICAL DETAILS

Cboe will replace existing NY4 and NY5 Arista DCS-7050-SX2 customer access switches with newer DCS-7050-SX3 models. The switch upgrades will be a 1-for-1 swap; no additional switches will be added to the L3 Customer Access Layer, although additional ports will be available as part of the hardware upgrade. To maximize fairness, customer connections will receive random ethernet port assignments on the new switches.

The L3 Customer Access Layer switch replacement will require no configuration changes by Cboe customers. However, the presence of new MAC addresses may require some customers to reset the ethernet interface on their L3 network device. L1-L3 testing with the Cboe NOC is highly recommended if your interface is down after the switch migration.

CUSTOMER WEEKEND TESTING (UPDATED)

The applicable US Equities and Options Exchange production environments will be available for customer testing on November 4, 2023, and November 18, 2023, from 9 a.m. to 12 p.m. ET. Customers are encouraged to leverage these opportunities to ensure order entry, market data, and products are functioning as expected following these upgrades.

DEPLOYMENT SCHEDULE

After close of business on November 3, 2023, the following switches will be replaced:

- NY4 and NY5 Secondary (even numbered) L3 Customer Access Switches with the following MAC addresses:
After close of business on **November 17, 2023**, the following switches will be replaced:

- NY4 and NY5 Primary (odd numbered) L3 Customer Access Switches with the following MAC addresses:

<table>
<thead>
<tr>
<th>NY4</th>
<th>NY5</th>
</tr>
</thead>
<tbody>
<tr>
<td>001c.73ff.7508</td>
<td>444c.a881.289a</td>
</tr>
<tr>
<td>444c.a881.1a64</td>
<td>444c.a881.1d51</td>
</tr>
<tr>
<td>444c.a881.1acf</td>
<td>c0d6.8248.bd4d</td>
</tr>
<tr>
<td>2899.3a09.0791</td>
<td></td>
</tr>
</tbody>
</table>

**ADDITIONAL INFORMATION**

Please refer to the following documents for additional information:

- [US Equities/Options Connectivity Manual](#)

Please contact the Cboe Trade Desk or the Cboe NOC for support or with any questions.

We appreciate your business. Our trading community inspires and drives our purpose of building trusted markets.

**Cboe NOC**
913.815.7005 | noc@cboe.com

**Cboe Trade Desk**
913.815.7001 | tradedesk@cboe.com

**THE EXCHANGE FOR THE WORLD STAGE™**