

TO: Clearing Member Firms; Back Office Managers

FROM: CME Clearing

ADVISORY #: **26-205**

DATE: June 5, 2025

SUBJECT: Clearing Confirm MQ Connection Migration

Further to advisory [26-081](#), CME Clearing is continuing to move forward with migrating all Firms and Service Providers with active CME Clearing MQ connections to cloud-based MQ infrastructure. For anyone who cannot meet the June 27th deadline, CME Clearing is offering additional weekends to migrate their Production MQ connections. The available Production migration weekends are listed below:

- Friday June 12th - Saturday June 13th
- Friday June 26th - Saturday June 27th
- Friday July 24th - Saturday July 25th
- Friday August 14th - Saturday August 15th

Firms' technology teams need to be able support their MQ migration at some point during the Friday - Saturday window of 8pm CT - 4am CT. This aligns with when clearing processing has completed for EOD Friday as well as the weekend trading maintenance window of 2am CT - 4am CT.

At a high level, the migration steps are as follows:

1. Accept the new CME cloud networks into your environment, update any routing and firewall policies.
2. Establish TCP connectivity between queue managers or from the client to CME cloud queue managers for UT and PROD.
3. Schedule and migrate existing testing connectivity to cloud-based testing connectivity (UT). This can be done at any time during the week and does not need to be over a specific weekend. Please note that the UT environment is not accessible from production connectivity in the way the current NR environment operates today, so a CERT type connection is needed. Your GAM (Global Account Manager) can assist if needed <https://www.cmegroup.com/solutions/market-access/globex/connectivity-options.html#test-env>
4. Schedule and migrate to PROD during one of the weekends outlined above.

Please reach out to ccs@cmegroup.com with your proposed migration date for your test connectivity and production connectivity. Some Firms may have their own direct MQ connectivity, some Firms may use multiple Service Providers for MQ connectivity, or some Firms may have a combination of both

direct MQ connectivity and use Service Providers. Please also provide this information in your correspondence.

Technical Details:

- The new networks have already been advertised to all customers, but they may need to be accepted on peer routers. Firewall policies may also need updates.
- There are two MQ environments, UT & PROD, each will have two listeners of which only one will be active. The inactive listener will be unresponsive to TCP testing.
- There will be 6 source IPs for each environment, typically the first IP in each range will be the active source.
- Both UT and PROD environments will be available 24x7.
- The queue manager and listener will be flipped periodically between the two cloud regions, scheduling will depend on holidays or other change freezes.
- This flip will cause a short outage of the MQ listener while the stack is moved from one region to the other. Firm MQ sender channels should have both CME listener IPs in the CONNAME.

Network Details:

The 4 subnets for each environment should be accepted and available for routing.

UT Network:

UT advertised subnets may be seen as /20 or /24 depending on the connection type.

UT /20 subnets: 208.112.208.0/20, 208.112.224.0/20

UT /24 subnets: 208.112.208.0/24, 208.112.209.0/24, 208.112.224.0/24, 208.112.225.0/24

UT listeners: 208.112.208.7(1414), 208.112.224.7(1414)

UT source IPs: 208.112.209.3, 208.112.209.4, 208.112.209.5, 208.112.225.17, 208.112.225.18, 208.112.225.19

PROD Network:

Prod advertised subnets (only /24s): 208.112.144.0/24, 208.112.145.0/24, 208.112.160.0/24, 208.112.161.0/24

PROD listeners: 208.112.144.6(1414), 208.112.160.6(1414)

PROD source IPs: 208.112.145.5, 208.112.145.6, 208.112.145.7, 208.112.161.5, 208.112.161.6, 208.112.161.7