



Connectivity Available to BYX Exchange, BZX Exchange, and BATS Options Exchange Ports in NY5 Effective January 2, 2015

Overview

Per the [BATS BYX/BZX/Options NY5 Migration Schedule](#), effective **Friday, January 2, 2015**, connectivity for the new BYX/BZX/Options environments located within the Equinix NY5 data center will be available to Members. Logical ports and physical ports will be available for basic connectivity testing only on the effective date. Live trading will continue on the respective Weehawken (NJ2) platform until the migration schedule is complete.

NY5 Logical Port Information

To simplify the migration process for Members, logical ports **and** port attributes for sessions existing in the active NJ2 datacenter for each exchange will continue to be replicated to the NY5 datacenter until migration has been completed. Sender IDs, Target IDs and port numbers will be maintained across datacenters, but **IP addresses will be different for the NY5 sessions**.

Please refer to the [Ports](#) tab for NY5 IP address information for each existing logical session. From the respective Exchange tab in the Ports tool (i.e. U.S. BZX Equities, U.S. BYX Equities, or U.S. Options), you may obtain the NY5 IP address for your logical ports by clicking on the **"More Options"** drop-down in the upper right hand section of the window and selecting the **"View Port Connection Info"** menu item. You can identify a logical session's NY5 IP address in the **"Primary IP (NY5)"** column. This new column will be made available on the effective date.

NY5 Physical Port Information

Members that have already obtained physical connectivity to new EDGA and EDGX platforms in the NY5 datacenter may also use this physical connectivity to access the new BYX, BZX and Options trading platforms located in NY5. Contact the BATS NOC (noc@bats.com – 913-815-7005) to discuss new physical connectivity requirements or considerations.

To order new physical connections to BATS in NY5, Members must use the **Physical Connection Request** web form located within the BATS Member Web Portal. Note that only Members with BATS Member Web Portal access that are designated by their firm to have access for requesting new ports will be able to utilize this form. Access to the BATS Member Web Portal can be obtained by contacting the [BATS Trade Desk](#).

Port Fees

BATS will not be assessing logical connectivity fees for Member connections into the new environments being deployed in NY5 until the respective markets' production environments have been decommissioned in their existing data center and are fully functional within NY5.

Port fees for existing production platforms can be found within the [Fee Schedules](#) on the public web site.

Latency Equalization within Equinix NY4 and NY5 Data Centers

BATS has engineered equal fiber length and latency for Members within either the NY4 or NY5 data center. When connecting to any BATS market (EDGA/EDGX/BZX/BYX/Options) in NY5 from either data center, the fiber between each Member's data center space to the BATS markets in NY5 will be equidistant as verified through optical testing.

Please note that Members connecting to a BATS market in NY5 from either NY4 or NY5 will be required to utilize a Single Mode Fiber connection. Members with existing physical connections of any type to legacy EDGA/EDGX infrastructure within NY4 will be supported, but will have higher latency than any new connections regardless of proximity to the EDGA/EDGX data center space in NY4. In order to receive equal latency, Members with existing physical connections within NY4 will need to establish new connections to BYX/BZX/Options.

It is also worth mentioning that BATS will maintain Weehawken (NJ2) as a network Point-Of-Presence (PoP) after the migration is complete. Thus, existing physical connections to BATS in NJ2 will be allowed to access any BATS exchange (EDGA/EDGX/BZX/BYX/Options) even after it has migrated to NY5.

More Information

For more details regarding connectivity options available to BATS markets in NY5, refer to [the BATS U.S. Equities/Options Connectivity Manual](#).

Please contact the BATS Trade Desk or your [Director of Sales](#) with any questions. We appreciate your continued support of BATS and look forward to earning more of your business.

BATS Trade Desk

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