



BATS Multicast PITCH IP Source Address Update for BATS Options Effective April 15, 2013 and BYX Exchange Effective April 22, 2013

Overview

As part of continuing upgrades and expansion of services and infrastructure, **effective April 15th, 2013**, BATS is expanding the source IP emitter addresses in the BZX Options (OA) from our primary datacenter.

Effective April 22nd, 2013, BATS is expanding the source IP emitter addresses in the BYX Equities (YA) from our primary datacenter.

See charts below for details.

All Members taking these feeds must ensure that they are permitting traffic from the new source IP addresses into their network. Note that all new IPs are within networks that are presently being advertised, so BGP changes will not be required.

BATS Options (OA)

Primary Datacenter		Gig-Shaped (OA)	
Unit	IP Port	Real-time MC (Src) Addr	Gap Resp. MC (Src) Addr
1	30101	224.0.62.96 (174.136.165.225)	224.0.62.97 (174.136.165.225)
2	30102		
3	30103		
4	30104		
5	30105	224.0.62.98 (174.136.165.225) (174.136.165.226)	224.0.62.99 (174.136.165.225) (174.136.165.226)
6	30106		
7	30107		
8	30108		
9	30109	224.0.62.100 (174.136.165.226) (174.136.165.227)	224.0.62.101 (174.136.165.226) (174.136.165.227)
10	30110		
11	30111		
12	30112		
13	30113	224.0.62.102 (174.136.165.226) (174.136.165.228)	224.0.62.103 (174.136.165.226) (174.136.165.228)
14	30114		
15	30115		
16	30116		
17	30117	224.0.62.104 (174.136.165.227) (174.136.165.229)	224.0.62.105 (174.136.165.227) (174.136.165.229)
18	30118		
19	30119		
20	30120		
21	30121	224.0.62.106 (174.136.165.227) (174.136.165.230)	224.0.62.107 (174.136.165.227) (174.136.165.230)
22	30122		
23	30123		
24	30124		
25	30125	224.0.62.108 (174.136.165.228) (174.136.165.231)	224.0.62.109 (174.136.165.228) (174.136.165.231)
26	30126		
27	30127		
28	30128		
29	30129	224.0.62.110 (174.136.165.228) (174.136.165.232)	224.0.62.111 (174.136.165.228) (174.136.165.232)
30	30130		
31	30131		
32	30132		

BYX Exchange (YA)

Primary Datacenter		Gig-Shaped (YA)	
Unit	IP Port	Real-time MC (Src) Addr	Gap Resp. MC (Src) Addr
1	30201	224.0.62.192 (174.136.167.17)	224.0.62.193 (174.136.167.17)
2	30202		
3	30203		
4	30204		
5	30205	224.0.62.194 (174.136.167.17) (174.136.167.18)	224.0.62.195 (174.136.167.17) (174.136.167.18)
6	30206		
7	30207		
8	30208		
9	30209	224.0.62.196 (174.136.167.18) (174.136.167.19)	224.0.62.197 (174.136.167.18) (174.136.167.19)
10	30210		
11	30211		
12	30212		
13	30213	224.0.62.198 (174.136.167.18) (174.136.167.20)	224.0.62.199 (174.136.167.18) (174.136.167.20)
14	30214		
15	30215		
16	30216		
17	30217	224.0.62.200 (174.136.167.19) (174.136.167.21)	224.0.62.201 (174.136.167.19) (174.136.167.21)
18	30218		
19	30219		
20	30220		
21	30221	224.0.62.202 (174.136.167.19) (174.136.167.22)	224.0.62.203 (174.136.167.19) (174.136.167.22)
22	30222		
23	30223		
24	30224		
25	30225	224.0.62.204 (174.136.167.20) (174.136.167.23)	224.0.62.205 (174.136.167.20) (174.136.167.23)
26	30226		
27	30227		
28	30228		
29	30229	224.0.62.206 (174.136.167.20) (174.136.167.24)	224.0.62.207 (174.136.167.20) (174.136.167.24)
30	30230		
31	30231		
32	30232		

Testing Opportunities

The BATS Options OA feed will be down for maintenance on Friday April 12th, 2013 6:00PM ET - 10:00PM ET. After this window, the YA feed will be emitting heartbeats from the new source addresses in red.

The BYX Exchange YA feed will be down for maintenance on Friday April 19th, 2013 6:00PM ET - 10:00PM ET. After this window, the OA feed will be emitting heartbeats from the new source addresses in red.

For More Information

Refer to the following technical specifications:

- [Multicast PITCH Specification](#)

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. As always, we are committed to our Members and to Making Markets Better.

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