

OTC Markets Binary Data Feed

Version 2.1

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Multi-Cast Groups, Channels, Source IPs and Bandwidth Recommendations

The below table notes all the ports, groups, ips and bandwidth requirements for the Binary Data Feed as well as the ASCII Reference Data Channels and OTC Link Trade Channel. Essential reference data is included in the binary channels (e.g. symbol, status, tier); however, if CUSIP and other attribute data is required then the ASCII channel must be used.

Note: Customer approved for a respective market data license **may** consume data from the channels noted in the below table. They are not **required** to consume all of the channels.

						Market Data Licenses		
Service	Feed	Port	Source	Binary Feed Groups	Required Bandwidth (Mbps)	Real-time Reference Prices	Level 1+	Level 2+
Quote Book	A-Feed	51001	173.252.142.114 ¹	224.0.23.210	2.0			X
	B-Feed		173.252.142.115	224.0.23.211	2.0			
	A-SnapShot		173.252.142.114 ¹	224.0.23.212	1.0			
	B-SnapShot		173.252.142.115	224.0.23.213	1.0			
	A - Peer-to-Peer Resend (TCP)	51002	173.252.142.118 ²	N/A	N/A			
	B - Peer-to-Peer Resend (TCP)		173.252.142.119 ²	N/A	N/A			
	Test A - Peer-to-Peer Resend (TCP)	41002	173.252.142.118 ²	N/A	N/A			

						Market Data Licenses		
Service	Feed	Port	Source	Binary Feed Groups	Required Bandwidth (Mbps)	Real-time Reference Prices	Level 1+	Level 2+
Quote Inside	A-Feed	51005	173.252.142.114 ¹	224.0.23.218	1.0		X	X
	B-Feed		173.252.142.115	224.0.23.219	1.0			
	A-SnapShot		173.252.142.114 ¹	224.0.23.220	0.5			
	B-SnapShot*		173.252.142.115	224.0.23.221	0.5			
	A-Peer-to-Peer Resend (TCP)	51002	173.252.142.118 ²	N/A	N/A			
	B-Peer-to-Peer Resend (TCP)		173.252.142.119 ²	N/A	N/A			
	Test A - Peer-to-Peer Resend (TCP)	41002	173.252.142.118 ²	N/A	N/A			
Quote Reference Prices	A-Feed	51007	173.252.142.114 ¹	224.0.23.222	0.5	X	X	X
	B-Feed		173.252.142.115	224.0.23.223	0.5			
	A-SnapShot		173.252.142.114 ¹	224.0.23.224	0.5			
	B-SnapShot		173.252.142.115	224.0.23.225	0.5			
	A-Peer-to-Peer Resend (TCP)	51002	173.252.142.118 ²	N/A	N/A			
	B-Peer-to-Peer Resend (TCP)		173.252.142.119 ²	N/A	N/A			

	Test A - Peer-to-Peer Resend (TCP)	41002	173.252.142.118²	N/A	N/A			
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¹ BT Radianz Customers will see 75.124.6.138 as the Binary A Feed source, 206.13.173.18 as the Binary B Feed source.

² BT Radianz customers use 75.124.6.139 :51002 for Binary A Feed TCP Resend, 75.124.6.139:41002 for Binary A Feed TCP Resend Certification, and 206.13.173.19:51002 for Binary B Feed TCP Resend.

Savvis customers use 173.252.142.126:51002 for Binary A Feed TCP Resend, 173.252.142.126:41002 for Binary A Feed TCP Resend Certification, and 173.252.142.119:51002 for Binary B Feed TCP Resend.

ASCII Channels

						Market Data Licenses		
Service	Feed	Port	Source	ASCII Feed Groups	Required Bandwidth (Mbps)	Real-time Reference Prices	Level 1+	Level 2+
Reference Data (w/ CUSIP)	A-Feed	7802	216.203.11.140 ³	224.0.23.202	0.5	X	X	X
	B-Feed		216.203.11.141 ³	224.0.23.203	0.5			
	SnapShot	N/A	N/A	N/A	N/A			
	Peer-to-Peer Resend (TCP)	8802	173.252.142.118 ⁴	N/A	N/A			
Reference Data (w/o CUSIP)	A-Feed	7801	216.203.11.140 ³	224.0.23.204	0.5	X	X	X
	B-Feed		216.203.11.141 ³	224.0.23.205	0.5			
	SnapShot	N/A	N/A	N/A	N/A			
	Peer-to-Peer Resend (TCP)	8802	173.252.142.118 ⁴	N/A	N/A			
OTC Link Trade Channel	A-Feed	7807	216.203.11.140 ³	224.0.23.200	0.5	X	X	X
	B-Feed		216.203.11.141 ³	224.0.23.201	0.5			
	Snapshot	N/A	N/A	N/A	N/A			
	Peer-to-Peer Resend (TCP)	8802	173.252.142.118 ⁴	N/A	N/A			

³BT Radianz customers use 75.124.6.136 as the ASCII A feed source, and 206.13.173.17 as the ASCII B feed source.

³BT Radianz customers use 75.124.6.139 :8802 for ASCII channel TCP Resend. Savvis customers use 173.252.142.126:8802 for ASCII channel TCP Resend.

QDIST Legacy Feed – Multi-cast Channel Mapping

The below table notes the channels needed to replicate the data received from the QDIST legacy feed. Access to the 'CUSIP' Reference Data channel depends on whether the data recipient has an agreement in place with Standard & Poors.

Product \ Channel	Quote Book Channel	Quote Price Depth Channel	Quote Inside Channel	Quote Reference Prices Channel	ASCII Reference Data Channel with CUSIP	ASCII OTC Trade Data Channel	Applicable Data Snapshot Channels	P-to-P Resend Channel
QDIST Level 1			X		X*		X	X
QDIST Level 2	X		X		X*		X	X

*Only if CUSIP is needed. Symbol and tier information is included in the binary quote channels

Multi-cast Network Topology

