

NASDAQ Testing Facility - IP Address Information

Carteret: Equities - NASDAQ, BX, PSX
 Options - PHLX, NOM, BX, ISE, Gemini, Mercury
 NFX
 Nasdaq Fixed Income
 UTP Binary

Ashburn: FINRA - TRACE (CA/SP), OTCBB, ORF
 UTP Legacy
 ACT
 ACES
 MFQS
 Options - PHLX, NOM, BX

Carteret RP for all Multicast Feeds: 207.251.255.40

Order Entry

Equities	206.200.20.0/23
Options	206.200.20.0/23
NFX	206.200.30.0/24
Nasdaq Fixed Income	206.200.9.0/24

TotalView Itch 5.0

Site	Channel/Purpose	Multicast address	Port	Source IP Address
Carteret	Broadcast - Single Channel	233.56.159.111	18000	206.200.21.136
	Rerequest		18100	206.200.21.16

NASDAQ Level 2

Site	Channel/Purpose	Group	Port	Source IP Address
Carteret	Broadcast - Channel 1 (A-E)	233.56.159.12	18000	206.200.21.134
	Rerequest - Channel 1 (A-E)		18100	206.200.21.14
	Broadcast - Channel 2 (F-N)	233.56.159.13	18001	206.200.21.134
	Rerequest - Channel 2 (F-N)		18101	206.200.21.14
	Broadcast - Channel 3 (O-Z)	233.56.159.14	18002	206.200.21.134
	Rerequest - Channel 3 (O-Z)		18102	206.200.21.14

NFX

Site	Channel/Purpose	IP/Multicast address	Port	Source IP Address
Carteret	ITCH Group A1	233.56.159.225	31011	206.200.30.97
	Rerequest		31511	206.200.30.11
	GLIMPSE for ITCH A1	206.200.30.11	21800-21900	
	ITCH Group At1	233.56.159.229	31015	206.200.30.97
	Rerequest		31515	206.200.30.11
	ITCH Group B1	233.56.159.228	31014	206.200.30.113
	Rerequest		31514	206.200.30.12
	GLIMPSE for ITCH feed B1	206.200.30.12	21800-21900	
	ITCH Group Bt1	233.56.159.232	31018	206.200.30.113
	Rerequest		31518	206.200.30.12

Nasdaq Fixed Income BETA Legacy

Site	Channel/Purpose	IP/Multicast address	Port	Source IP Address
Carteret NTF	US Treasuries, Long - 30 yr / A Feed	233.56.159.140	13401	206.200.9.14
	Bills , Short Shorts / A Feed	233.56.159.141	13402	206.200.9.14
	US Treasuries, Short - 2,30 yr / A feed	233.56.159.142	13403	206.200.9.14
	US Treasuries, Intermediates - 7,10/ A Feed	233.56.159.143	13404	206.200.9.14
	US Treasuries, Fives - 5 yr / A Feed	233.56.159.144	13405	206.200.9.14
	US Treasuries, Long - 30 yr / B Feed	233.56.159.145	23401	206.200.9.14
	Bills , Short Shorts / B Feed	233.56.159.146	23402	206.200.9.14
	US Treasuries, Short - 2,30 yr / B feed	233.56.159.147	23403	206.200.9.14
	US Treasuries, Intermediates - 7,10/ B Feed	233.56.159.148	23404	206.200.9.14
	US Treasuries, Fives - 5 yr / B Feed	233.56.159.149	23405	206.200.9.14

Nasdaq Fixed Income BETA ITCH

Site	Channel/Purpose	IP/Multicast address	Port	Source IP Address
Carteret NTF	US Treasuries, Long - 30 yr / A Feed	233.56.159.150	13401	206.200.9.24
	Rerequest		56321	206.200.9.24
	Bills , Short Shorts / A Feed	233.56.159.151	13402	206.200.9.24
	Rerequest		56322	206.200.9.24
	US Treasuries, Short - 2,30 yr / A feed	233.56.159.152	13403	206.200.9.24
	Rerequest		56323	206.200.9.24
	US Treasuries, Intermediates - 7,10/ A Feed	233.56.159.153	13404	206.200.9.24
	Rerequest		56324	206.200.9.24
	US Treasuries, Fives - 5 yr / A Feed	233.56.159.154	13405	206.200.9.24
	Rerequest		56325	206.200.9.24
	US Treasuries, Long - 30 yr / B Feed	233.56.159.155	23401	206.200.9.24
	Rerequest		36321	206.200.9.24
	Bills , Short Shorts / B Feed	233.56.159.156	23402	206.200.9.24
	Rerequest		36322	206.200.9.24
	US Treasuries, Short - 2,30 yr / B feed	233.56.159.157	23403	206.200.9.24
	Rerequest		36323	206.200.9.24
	US Treasuries, Intermediates - 7,10/ B Feed	233.56.159.158	23404	206.200.9.24
	Rerequest		36324	206.200.9.24
	US Treasuries, Fives - 5 yr / B Feed	233.56.159.159	23405	206.200.9.24
	Rerequest		36325	206.200.9.24

UTP Quotation Services - Binary Feeds

Site	Channel	Group	Port	REVISED: Source IP Address
Carteret NTF	Broadcast – Channel 1 (A-CD)	233.56.159.20	55630	206.200.20.0/23
	Rerequest – Channel 1		55730	206.200.21.66
	Broadcast – Channel 2 (CE-FD)	233.56.159.20	55631	206.200.20.0/23
	Rerequest – Channel 2		55731	206.200.21.67
	Broadcast – Channel 3 (FE-LK)	233.56.159.20	55632	206.200.20.0/23
	Rerequest – Channel 3		55732	206.200.21.68
	Broadcast – Channel 4 (LL-PB)	233.56.159.20	55633	206.200.20.0/23
	Rerequest – Channel 4		55733	206.200.21.69
	Broadcast – Channel 5 (PC-SP)	233.56.159.20	55634	206.200.20.0/23
	Rerequest – Channel 5		55734	206.200.21.70
	Broadcast – Channel 6 (SQ-ZZ)	233.56.159.20	55635	206.200.20.0/23
	Rerequest – Channel 6		55735	206.200.21.71

UTP Trade Services

Site	Channel	Group	Port	REVISED: Source IP Address
Carteret NTF	Broadcast – Channel 1 (A-CD)	233.56.159.21	55640	206.200.20.0/23
	Rerequest – Channel 1		55740	206.200.21.86
	Broadcast – Channel 2 (CE-FD)	233.56.159.21	55641	206.200.20.0/23
	Rerequest – Channel 2		55741	206.200.21.87
	Broadcast – Channel 3 (FE-LK)	233.56.159.21	55642	206.200.20.0/23
	Rerequest – Channel 3		55742	206.200.21.88
	Broadcast – Channel 4 (LL-PB)	233.56.159.21	55643	206.200.20.0/23
	Rerequest – Channel 4		55743	206.200.21.89
	Broadcast – Channel 5 (PC-SP)	233.56.159.21	55644	206.200.20.0/23
	Rerequest – Channel 5		55744	206.200.21.90
	Broadcast – Channel 6 (SQ-ZZ)	233.56.159.21	55645	206.200.20.0/23
	Rerequest – Channel 6		55745	206.200.21.91

ISE NTF Market Data

Site	Channel/Purpose	IP Address
Carteret NTF	ISE Gemini - NTF Market Data	233.56.159.180
	ISE Main - NTF Market Data	233.56.159.181
	ISE Mercury - NTF Market Data	233.56.159.182

ISE Main NTF Market Data

Site	Feed Name	Protocol	Group	Port	Source IP
Carteret NTF	Depth of Market Feed	mold64	233.56.159.181	18001	206.200.20.0/23
		mold64rewind/soupbin		18101	206.200.21.143
	Top of Quote Feed	mold64	233.56.159.181	18000	206.200.20.0/23
		mold64rewind/soupbin		18100	206.200.21.142
	Trade Feed	mold64	233.56.159.181	18003	206.200.20.0/23
		mold64rewind/soupbin		18103	206.200.21.145
	Order Feed	mold64	233.56.159.181	18002	206.200.20.0/23
		mold64rewind/soupbin		18102	206.200.21.144
	Complex Depth of Market Feed	mold64	233.56.159.181	18005	206.200.20.0/23
		mold64rewind/soupbin		18105	206.200.21.147
	Complex Top Quote Feed	mold64	233.56.159.181	18004	206.200.20.0/23
		mold64rewind/soupbin		18104	206.200.21.146
	Complex Trade Feed	mold64	233.56.159.181	18007	206.200.20.0/23
		mold64rewind/soupbin		18107	206.200.21.149
Complex Order Feed	mold64	233.56.159.181	18006	206.200.20.0/23	
	mold64rewind/soupbin		18106	206.200.21.148	

MFDS - Mutual Funds Dissemination Service

Site	Channel/Purpose	Group	Port	Source IP Address
Ashburn	MFDS	233.56.159.203	50080	206.200.23.42

BTDS - Bond Trade Dissemination Service

Site	Channel/Purpose	Group	Port	Source IP Address
Ashburn	BTDS	233.56.159.128	50214	206.200.23.21

ATDS – Agency Debt Trade Dissemination Service

Site	Channel/Purpose	Group	Port	Source IP Address
Ashburn	ATDS	233.56.159.129	50215	206.200.23.21

SPDS – Securitized Products Dissemination Service

Site	Channel/Purpose	Group	Port	Source IP Address
Ashburn	SPDS	233.56.159.201	50084	206.200.23.21

PHLX Depth of Market

Site	Channel/Purpose	Group	Port	Source IP Address
Ashburn	Broadcast – Single Channel	233.56.159.55	19301	206.200.18.6
	Rerequest		19300	206.200.18.215

Top of PHLX Options (TOPO)

Site	Channel/Purpose	Group	Port	Source IP Address
Carteret	Broadcast – Single Channel	233.56.159.120	Trades - 18000 Quotes - 18001	206.200.21.38
	Rerequest		Trades - 18100 Quotes - 18101	206.200.21.53
Ashburn	Broadcast – Single Channel	233.56.159.50	Trades - 19820 Quotes - 19620	206.200.18.2
	Rerequest		Trades - 19920 Quotes - 19720	206.200.18.214

TOPO Plus Orders

Site	Channel/Purpose	Group	Port	Source IP Address
Carteret	Broadcast – Single Channel	233.56.159.121	Trades - 18003 Quotes - 18002	206.200.21.38
	Rerequest		Trades - 18103 Quotes - 18102	206.200.21.53
Ashburn	Broadcast – Single Channel	233.56.159.60	Trades - 19320 Quotes - 19120	206.200.18.3
	Rerequest		Trades - 19420 Quotes - 19220	206.200.18.214

ITTO 3.0

Site	Channel/Purpose	Group	Port	Source IP Address
Carteret	Broadcast - Single Channel	233.56.159.124	18004	206.200.21.54
	Rerequest		18104	
Ashburn	Broadcast - Single Channel	233.56.159.65	30001	206.200.18.4
	Rerequest		30002	

BONO Trades 3.0

Site	Channel/Purpose	Group	Port	Source IP Address
Carteret	Broadcast - Single Channel	233.56.159.123	18001	206.200.21.54
	Rerequest		18101	
Ashburn	Broadcast - Single Channel	233.56.159.66	11999	206.200.18.5
	Rerequest		12999	

BONO Quotes 3.0

Site	Channel/Purpose	Group	Port	Source IP Address
Carteret	Broadcast - Single Channel	233.56.159.123	18002	206.200.21.54
	Rerequest		18102	
Ashburn	Broadcast - Single Channel	233.56.159.66	11998	206.200.18.5
	Rerequest		12998	