

Interactive Connectivity Parameters for Test Market Environment

Segment	Gateway Router		Gateway IPs Subnet ranges		
	IP Address	Port	Network	Mask	Port
EGR	172.19.245.107	10290	172.19.245.0	255.255.255.0	10291
SLBM	172.19.245.107	10281	172.19.245.0	255.255.255.0	10258
CD	172.19.245.107	10269	172.19.245.0	255.255.255.0	10258 & 10259
		10200*			
		10201**			
FO	172.19.245.107	10267	172.19.245.0	255.255.255.0	10250 & 10251
		10202*			
		10203**			
COM	172.19.245.107	10266	172.19.245.0	255.255.255.0	10271
		10204*			
		10205**			
CM	172.19.245.107	10270	172.19.245.0	255.255.255.0	10266/10272
		10206*			
		10207**			

*Port - This port will support new encryption messages with MD5 checksum removal.

**Port - This port will support new encryption messages with MD5 checksum removal and new immediate Ack request for order related messages.

Segment	Extranet Path for "Encryption CA Certificate" in Test environment
CM	/common/Test_Environment/CM_NEW_CA_Certificate_2025.zip
F&O	/faoftp/faocommon/Test_Environment/FO_NEW_CA_Certificate_2025.zip
CD	/cdsftp/cdscommon/Test_Environment/CD_NEW_CA_Certificate_2025.zip
COM	/comtftp/comtcommon/Test_Environment/COM_NEW_CA_Certificate_2025.zip
SLBM	/slbftp/slbcommon/Test_Environment/SLBM_NEW_CA_Certificate_2025.zip
EGR	/egftp/egcommon/Test_Environment/EG_NEW_CA_Certificate_2026.zip

Note: Kindly use combination of new CA certificate, new IP and Port parameters.

Parameters for Connectivity for Trade Drop Copy facility in Test Market Environment

Segment	IP Address	Port
Capital Market (CM)	172.19.245.176	10273
Futures & Options (FO)	172.19.245.147	10254
Currency Derivatives (CD)	172.19.245.176	10259
Commodity Derivatives (CO)	172.19.245.97	10270

Parameters for Connectivity for New Order & Trade Drop Copy facility in Test Market

Segment	IP Address	Port	Remark

Capital Market (CM)	172.19.245.115	10173 & 10174	Both Order & Trade Drop Copy
		10175 & 10176	Trade Only Drop Copy

Broadcast Parameters for Test Market Environment

A} Combined broadcast – 1 second frequency depth Market Data

Segment	Multicast IP Address	Broadcast Port
CM	239.100.39.41	10241
	239.100.39.97	10297
	239.100.39.40	10240
	239.100.39.96	10296

FO	239.100.39.12		10212
	239.100.39.28		10228
	Existing IP	239.100.39.241	20241
		239.100.39.242	20242
	New IP (supports new transcodes 1833, 7201, 17208, 17211)	239.100.39.12	10212
		239.100.39.28	10228

CD	239.100.39.25	10225
	239.100.39.26	10226
CO	239.100.39.10	10200
SLBM	239.100.39.36	10236
EGR	239.99.39.150	10250

B} MTBT

MTBT Parameters - Test Market					
Segment	Stream ID	Source 1		Source 2 (Delayed Feed)	
		Multicast IP Address	Multicast Port	Multicast IP Address	Multicast Port
CM - Test Market	1	239.100.39.89	10289	239.100.39.90	10290
CM - Test Market	2	239.100.39.98	10298	239.100.39.99	10299
CM - Test Market	3	239.100.39.82	10282	239.100.39.83	10283
CM - Test Market	4	239.100.39.84	10284	239.100.39.85	10285
CM - Test Market	5	239.100.39.55	10255	239.100.39.56	10256
FO - Test Market	1	239.100.39.58	10258	239.100.39.60	10260
FO - Test Market	2	239.100.39.59	10259	239.100.39.61	10261
CD - Test Market	1	239.100.39.20	10220	239.100.39.13	10213
CD - Test Market	2	239.100.39.32	10232	239.100.39.33	10233
COM - Test Market	1	239.100.39.80	10280	239.100.39.161	10261

C) Limit Price Protection Range (LPP) Broadcast:

Limit Price Protection Range is applicable only in FO & COM segments.

Limit Price protection Range (LPP) Parameters					
Security / Contracts	Segment	Source 1		Source 2	
		Multicast IP	Broadcast Port	Multicast IP	Broadcast Port
Limit Price Protection Range (LPP)	FO	239.100.39.22	10222	239.100.39.23	10223
	COM	239.100.39.243	10201	-	-

D) Recovery of tick-by-tick data

Multicast TBT Recovery details – Test Market		
Segment	IP Address	Port
CM	172.19.245.35	10285
FO	172.19.245.35	10248
CD	172.19.245.35	10241
COM	172.19.245.35	10284

E) Order Snapshot Recovery for Multicast Tick by Tick broadcast

Parameters for connecting for Order Snapshot Recovery		
IP of Solace	172.19.245.51	
Port of Solace	10286	
User Name	browser_nse_dev	
Password	Rs	
Message VPN Name	od_nse_dev	
Segment	Stream ID	SOLACE QUEUE NAMES
CM	1	q.nse.cm1.orderbook
	2	q.nse.cm2.orderbook
	3	q.nse.cm3.orderbook
	4	q.nse.cm4.orderbook
	5	q.nse.cm5.orderbook

FO	1	q.nse.fo1.orderbook
	2	q.nse.fo2.orderbook
CD	1	q.nse.cd1.orderbook

F} Order Snapshot Recovery for New Multicast Tick by Tick broadcast (through TCP / IP)

Segment	IP Address	Port
CM	172.19.245.199	10981
FO	172.19.245.199	10982
CD	172.19.245.199	10983