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 10200* 10201**	172.19.245.0	255.255.255.0	10258 & 10259
FO	172.19.245.107	10267 10202* 10203**	172.19.245.0	255.255.255.0	10250 & 10251
COM	172.19.245.107	10266 10204* 10205**	172.19.245.0	255.255.255.0	10271
CM	172.19.245.107	10270 10206* 10207**	172.19.245.0	255.255.255.0	10266/10272

*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
	239.100.39.241	20241
	239.100.39.242	20242
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} Stream wise broadcast – 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