

Interactive Connectivity Parameters for Test Market Environment

Segment	Gateway Router		Gateway IPs Subnet ranges		
	IP Address	Port	Network	Mask	Port
CM	172.19.245.107	10263	172.19.245.0	255.255.255.0	10266/10272
FO	172.19.245.107	10262	172.19.245.0	255.255.255.0	10250
CD	172.19.245.107	10261	172.19.245.0	255.255.255.0	10258
COM	172.19.245.107	10264	172.19.245.0	255.255.255.0	10271
SLBM	172.19.245.107	10268	172.19.245.0	255.255.255.0	10258

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

Broadcast Parameters for Test Market Environment

A} Combined broadcast – 1 second frequency depth Market Data

Segment	Multicast IP Address	Broadcast Port
CM (Existing transcodes multicast data)	239.100.39.51	10251
	239.100.39.52	10252
	239.100.39.53	10253
	239.100.39.54	10254
CM (Existing transcodes + New transcodes multicast data)	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
	239.100.39.11	10211
	239.100.39.27	10227
CD	239.100.39.25	10225
	239.100.39.26	10226
CO	239.100.39.10	10200
SLBM	239.100.39.36	10236

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	239.100.39.16 1	10261

C) Limit Price Protection Range (LPP) Broadcast:

Limit Price Protection Range is applicable only in FO segment.

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

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