

## Interactive Connectivity Parameters for Test Market Environment

Segment	Gateway Router		Gateway IPs Subnet ranges		
	IP Address	Port	Network	Mask	Port
<b>CM</b>	172.19.245.107	10263	172.19.245.0	255.255.255.0	10266/10272
<b>FO</b>	172.19.245.107	10262	172.19.245.0	255.255.255.0	10250
<b>CD</b>	172.19.245.107	10261	172.19.245.0	255.255.255.0	10258
<b>COM</b>	172.19.245.107	10264	172.19.245.0	255.255.255.0	10271
<b>SLBM</b>	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
<b>CM (Existing transcodes multicast data)</b>	239.100.39.51	10251
	239.100.39.52	10252
	239.100.39.53	10253
	239.100.39.54	10254
<b>CM (Existing transcodes + New transcodes multicast data)</b>	239.100.39.41	10241
	239.100.39.97	10297
	239.100.39.40	10240
	239.100.39.96	10296
<b>FO</b>	239.100.39.12	10212
	239.100.39.28	10228
	239.100.39.11	10211
	239.100.39.27	10227
<b>CD</b>	239.100.39.25	10225
	239.100.39.26	10226
<b>CO</b>	239.100.39.10	10200
<b>SLBM</b>	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
LPP	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
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**E} Order Snapshot Recovery for Multicast Tick by Tick broadcast**

<b>Parameters for connecting for Order Snapshot Recovery</b>		
IP of Solace	172.19.245.51	
Port of Solace	10286	
User Name	browser_nse_dev	
Password	Rs	
Message VPN Name	od_nse_dev	
<b>Segment</b>	<b>Stream ID</b>	<b>SOLACE QUEUE NAMES</b>
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