

# Simulated Environment Configuration

**Parameters for Interactive Connectivity:**

Segment	Gateway Router		Gateway IPs Subnet ranges		
	IP Address	Port	Network	Subnet Mask	Port
Capital Market	172.19.245.108	10273	172.19.245.0	255.255.255.0	10267
Futures & Options	172.19.245.108	10272	172.19.245.0	255.255.255.0	10273 & 10255
Currency Derivatives	172.19.245.108	10271	172.19.245.0	255.255.255.0	10247 & 10254
Commodity Derivatives	172.19.245.108	10274	172.19.245.0	255.255.255.0	10271 & 10272

*If participating with NEAT/NEAT Plus application, please select 'DEV' radio button in the Host configuration option of "NEAT Adaptor" and configure the above parameters to participate in the simulated environment.*

**Parameters for Broadcast:**

**A. Normal Market Data Broadcast:** Price volume (5 depth 1 second refresh), other related data, master updates, market open/close status message broadcast etc.

Normal Market Data Broadcast Simulated			
Segment	Broadcast type	Multicast IP Address	Broadcast Port
CM	Fast	239.100.39.43	10243
	Slow	239.100.39.76	10276
	Fast	239.100.39.77	10277
	Slow	239.100.39.78	10278
FO	Fast	239.100.39.16	10216
	Fast	239.100.39.30	10230
	Slow	239.100.39.15	10215
	Slow	239.100.39.29	10229
CD	Fast	239.100.39.57	10257
	Slow	239.100.39.31	10231
CO	-	239.100.39.10	10241

**B. Limit Price Protection Range (LPP) Broadcast Parameters:**

Limit Price Protection Range is applicable only in FO & COM segments and Exchange provides related broadcast for NNF users as below:

<b>Limit Price Protection Range (LPP) Parameters -Simulated</b>				
	<b>Source 1</b>		<b>Source 2</b>	
<b>Segment</b>	<b>Multicast IP Address</b>	<b>Broadcast Port</b>	<b>Multicast IP Address</b>	<b>Broadcast Port</b>
FO	239.100.39.38	10238	239.100.39.39	10239
COM	239.100.39.244	10202	-	-

**Tick by Tick order and trade data via Multicast (MTBT)**

**1. Segment wise details of Multicast IP address and port are as below:**

<b>MTBT Parameters - Simulated</b>					
<b>Segment</b>	<b>Stream ID</b>	<b>Source 1</b>		<b>Source 2 (Delayed Feed)</b>	
		<b>Multicast IP Address</b>	<b>Multicast Port</b>	<b>Multicast IP Address</b>	<b>Multicast Port</b>
CM	1	239.100.39.92	10292	239.100.39.93	10293
CM	2	239.100.39.92	10282	239.100.39.93	10283
CM	3	239.100.39.181	10181	239.100.39.182	10182
CM	4	239.100.39.183	10183	239.100.39.184	10184
CM	5	239.100.39.86	10286	239.100.39.87	10287
FO	1	239.100.39.66	10266	239.100.39.67	10267
FO	2	239.100.39.68	10268	239.100.39.69	10269
CD	1	239.100.39.63	10263	239.100.39.64	10264
CO	1	239.100.39.162	10162	239.100.39.163	10163

**2. Recovery of tick by tick data:**

<b>Multicast TBT Recovery details - Simulated</b>		
<b>Segment</b>	<b>IP Address</b>	<b>Port</b>
CM	172.19.245.36	10287
FO	172.19.245.36	10283
CD	172.19.245.36	10281
CO	172.19.245.36	10282