

## **Interactive Connectivity Parameters for Test Market Environment**

| Segment | Gateway Router |                    |          | Gateway IPs Subnet ranges |               |               |
|---------|----------------|--------------------|----------|---------------------------|---------------|---------------|
|         | IP Address     | Old Port#          | New Port | Network                   | Mask          | Port          |
| EGR     | 172.19.245.107 | <del>10290</del>   | 10290    | 172.19.245.0              | 255.255.255.0 | 10291         |
| SLBM    | 172.19.245.107 | <del>10281</del>   | 10268    | 172.19.245.0              | 255.255.255.0 | 10258         |
| CD      | 172.19.245.107 | <del>10269</del>   | 10261    | 172.19.245.0              | 255.255.255.0 | 10258 & 10259 |
|         |                | <del>10200*</del>  | 10300*   |                           |               |               |
|         |                | <del>10201**</del> | 10301**  |                           |               |               |
| FO      | 172.19.245.107 | <del>10267</del>   | 10262    | 172.19.245.0              | 255.255.255.0 | 10250 & 10251 |
|         |                | <del>10202*</del>  | 10302*   |                           |               |               |
|         |                | <del>10203**</del> | 10303**  |                           |               |               |
| COM     | 172.19.245.107 | <del>10266</del>   | 10264    | 172.19.245.0              | 255.255.255.0 | 10271         |
|         |                | <del>10204*</del>  | 10304*   |                           |               |               |
|         |                | <del>10205**</del> | 10305**  |                           |               |               |
| CM      | 172.19.245.107 | <del>10270</del>   | 10263    | 172.19.245.0              | 255.255.255.0 | 10266/10272   |
|         |                | <del>10206*</del>  | 10306*   |                           |               |               |
|         |                | <del>10207**</del> | 10307**  |                           |               |               |

\*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.

*# CM, FO, CD, COM, SLB old ports are discontinued by Exchange since July 05, 2026. It is mandatory for members to use new ports only.*

| Segment        | Extranet Path for “Encryption CA Certificate” in Test environment    |
|----------------|----------------------------------------------------------------------|
| <b>CM</b>      | /common/Test_Environment/CM_NEW_CA_Certificate_2026.zip              |
| <b>F&amp;O</b> | /faofp/faocommon/Test_Environment/FO_NEW_CA_Certificate_2026.zip     |
| <b>CD</b>      | /cdsftp/cdscommon/Test_Environment/CD_NEW_CA_Certificate_2026.zip    |
| <b>COM</b>     | /comtftp/comtcommon/Test_Environment/COM_NEW_CA_Certificate_2026.zip |
| <b>SLBM</b>    | /slbftp/slbcommon/Test_Environment/SLBM_NEW_CA_Certificate_2026.zip  |
| <b>EGR</b>     | /egftp/egcommon/Test_Environment/EG_NEW_CA_Certificate_2026.zip      |

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

### **Neat Adapter compatible with New CA certificate**

| Setup Name                                                                   | Description                                   | Segment | Port  | Extranet path                               |
|------------------------------------------------------------------------------|-----------------------------------------------|---------|-------|---------------------------------------------|
| NA_1.0.29_Setup.exe<br>Register_Installer.bat                                | Version 1.0.29<br>for Windows<br>Neat Adapter | CD      | 10300 | /cdsftp/cdscommon/NeatAdapter/ Windows      |
|                                                                              |                                               | CO      | 10304 | /comtftp/comtcommon/NeatAdapter/<br>Windows |
|                                                                              |                                               | CM      | 10306 | /common/NeatAdapter/Windows                 |
|                                                                              |                                               | F&O     | 10302 | /faofp/faocommon/NeatAdapter/Windows        |
| NA_1.0.29_Setup.sh,<br>NA_1.0.29_SetupFiles<br>.zip<br>Register_Installer.sh | Version 1.0.29<br>for Linux Neat<br>Adapter   | CD      | 10300 | /cdsftp/cdscommon/NeatAdapter/Linux         |
|                                                                              |                                               | CO      | 10304 | /comtftp/comtcommon/NeatAdapter /Linux      |
|                                                                              |                                               | CM      | 10306 | /common/NeatAdapter/Linux                   |
|                                                                              |                                               | F&O     | 10302 | /faofp/faocommon/NeatAdapter/Linux          |

| Setup Name                                                               | Description                                   | Segment | Port  | Extranet path                             |
|--------------------------------------------------------------------------|-----------------------------------------------|---------|-------|-------------------------------------------|
| NA_1.0.28_Setup.exe<br>Register_Installer.bat                            | Version 1.0.28 for<br>Windows Neat<br>Adapter | SLBM    | 10268 | /slbftp/slbcommon/NeatAdapter/<br>Windows |
| NA_1.0.28_Setup.sh,<br>NA_1.0.28_SetupFiles.zip<br>Register_Installer.sh | Version 1.0.28 for<br>Linux Neat Adapter      |         |       | /slbftp/slbcommon/NeatAdapter/Li<br>nux   |

| Setup Name                                                               | Description                                   | Segment | Port  | Extranet path                 |
|--------------------------------------------------------------------------|-----------------------------------------------|---------|-------|-------------------------------|
| NA_1.0.25_Setup.exe<br>Register_Installer.bat                            | Version 1.0.25 for<br>Windows Neat<br>Adapter | EGR     | 10290 | /egcommon/NeatAdapter/Windows |
| NA_1.0.25_Setup.sh,<br>NA_1.0.25_SetupFiles.zip<br>Register_Installer.sh | Version 1.0.25 for<br>Linux Neat Adapter      |         |       | /egcommon/NeatAdapter/Linux   |
|                                                                          |                                               |         |       |                               |
|                                                                          |                                               |         |       |                               |

### **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          |

|           |                                                           |                |       |
|-----------|-----------------------------------------------------------|----------------|-------|
| <b>FO</b> | 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 |

|             |                |       |
|-------------|----------------|-------|
| <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>EGR</b>  | 239.100.39.155 | 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

Note : As per circular [NSE/MSD/74567](#), Order snapshot recovery via Solace API is discontinued in CM segment from June 20, 2026 and in FO & CD Segments from July 04, 2026. Members may refer to point F for parameters of TCP/IP.

| 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                                      | ed_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)

| <b>Segment</b> | <b>IP Address</b> | <b>Port</b> |
|----------------|-------------------|-------------|
| <b>CM</b>      | 172.19.245.199    | 10981       |
| <b>FO</b>      | 172.19.245.199    | 10982       |
| <b>CD</b>      | 172.19.245.199    | 10983       |