

NATIONAL STOCK EXCHANGE OF INDIA LIMITED

DEPARTMENT : FUTURES & OPTIONS	
Download Ref No : NSE/FAOP/32123	Date : March 31, 2016
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All Members,

New Windows UDP Server

The exchange is releasing new windows UDP server version v4.00.00.

Members may note that the existing windows UDP server (version v3.04.00) shall be required to be replaced with the new windows UDP server (version v4.00.00) by May 6, 2016. The existing windows UDP server (version v3.04.00) shall be **discontinued w.e.f from May 7, 2016**.

Members are requested to download and install the new UDP server which shall be made available from April 01, 2016 17:00 hours onwards on the Extranet path faoftp/faocommon/UDP4.

The steps for configuring the UDP server are listed at **Annexure 1**.

In case of any queries please call Toll Free no: 1800 266 00 53.

**For and on behalf of
National Stock Exchange of India Limited**

**Khushal Shah
Chief Manager**

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Annexure – 1

1. Launch the application by double clicking “UDPSERVER_v4.00.00.exe”. The following screen shall be launched:

NSE UDP Broadcast Server v4.00.00

Broadcast Parameters

Receiver Details

Receiver IP: . . . Market Segment: [Dropdown]

Receiver Port: 0 New MKT Data: [Dropdown]

Sender Details

Sender IP: . . . IP Address

Sender Port: 0 Local IP towards Host: . . .

Local IP towards NEAT: . . .

ID	Seg	Recv IP	Recv Port	Send IP	Send Port	Pkts Recv	Pkts Sent	New MKT Data	Connection Status

Add Modify Delete Start Exit

2. Click on ADD button for adding new configuration.
3. Following table provides the mapping of the fields in the new UDP server vis-à-vis current UDP server for ease of configuration.

New UDP server (version v4.00.00)	Existing UDP server (version v3.04.00)	Remarks
Receiver Details – Receiver IP	Receiving Multicast Address	
Receiver Details – Receiver Port	Receiving UDP Port No.	
Receiver Details – Market Segment		Select the respective segment
Receiver Details – New MKT Data		Should be “N”
Sender Details – Sender IP	Sending Multicast Address	
Sender Details – Sender Port	Sending UDP Port No.	

IP Address – Host Side IP	Local IP Address towards Host	
IP Address – Neat Side IP	Local IP Address towards Neat	

4. Click on “Save” button to save the configuration details. Successfully saved configurations are displayed as below:

ID	Seg	Recv IP	Recv Port	Send IP	Send Port	Pkts Recv	Pkts Sent	New MKT Data	Connection Status
1	CM	239.50.50.12	10812	233.1.2.3	6789	0	0	N	Not Running
2	FD	239.50.50.22	10822	233.1.2.4	6790	0	0	N	Not Running
3	CD	239.50.50.72	10872	233.1.2.5	6791	0	0	N	Not Running

5. To start receiving the broadcast click “Start” button respectively after selecting the desired configuration.
6. To modify or delete a saved configuration user can click on “Modify” or “Delete” button respectively after selecting the desired configuration.
7. Following Connection status will be shown in different cases:

Connection Status	Description
Not Running	Selected broadcast has not started.
Connected	Selected broadcast is connected and ready to receive broadcast from NSE.
Running	Selected broadcast is running successful – Receive and sent packet count will be updated
Receive Connect Error	If there is any error in receiving broadcast. It may also occur when Local IP towards host is improper.
Send Connect Error	If there is any error in sending broadcast It may also occur when Local IP towards Neat is improper.
Stopped	Selected broadcast has been stopped after start.