
IP Address details of Live Environment

In terms of provisions of the Rules, Bye-Laws and Business Rules of the Exchange and in continuation to Exchange circular no. MCX/TECH/500/2024 dated July 26, 2024. Members of the Exchange are notified as under:

Members are requested to enable the IP address of PDC and DRS such that, in case of unannounced live trading from DRS the member end system should connect without any manual intervention. Members are requested to make necessary changes at their end for connecting the trading system.

The IP address details of Exchange trading interfaces are enclosed as follows:

- [Annexure 1](#) - Primary Data Center site (PDC)
- [Annexure 2](#) - Disaster Recovery Site (DRS)
- [Annexure 3](#) – Addition of routes at member end system

Members are requested to take note of the same.

For and on behalf of
Multi Commodity Exchange of India Ltd.

Shivanand Jogade
AVP – Technology

Encl.: As above

Kindly contact Customer Service Team on 022 – 6649 4040 or send an email at customersupport@mcxindia.com for any clarification.

Annexure 1
Trading Interface - Connectivity details for Primary Data Center (PDC)

Encryption Gateway Details				
Particulars	IP address	MTS/MCS	CTCL	Algo
		TCP Port	TCP Port	TCP Port
Host lookup	192.168.63.61	19406	19106	19506
Gateway 1	192.168.63.48	19406	19106	19506
Gateway 2	192.168.63.49	19406	19106	19506
Gateway 3	192.168.63.50	19406	19106	19506
Gateway 4	192.168.63.51	19406	19106	19506
Gateway 5	192.168.63.84	19406	19106	19506
Gateway 6	192.168.63.85	19406	19106	19506
Gateway 7	192.168.63.88	19406	19106	19506

Distribution Server IP address	TCP Port	Description
192.168.63.53	19081	Distribution server 1
192.168.63.54	19081	Distribution server 2

Market Data			
Particulars	IP address	UDP Port	Description
Trading Market Data - Market Data Interface (MDI)			
MDI- High	239.255.70.3	19096	High Frequency Market Data
Enhanced Market Data Interface (EMDI)			
Stream 1	239.255.70.10	19088 19090	(Incremental) (Snapshot)
Stream 2	239.255.70.14	19088 19090	(Incremental) (Snapshot)
Stream 3	239.255.70.18	19088 19090	(Incremental) (Snapshot)
Stream 4	239.255.70.22	19088 19090	(Incremental) (Snapshot)
Stream 5	239.255.70.12	19068 19070	(Incremental) (Snapshot)
Enhanced Order Book Interface (EOBI) – Tick-by-Tick Market Data (TBT)			
Stream - 1	239.255.70.4	19088	(Incremental)
	239.255.70.5	19090	(Snapshot)
Stream - 2	239.255.70.8	19188	(Incremental)
	239.255.70.9	19190	(Snapshot)
Stream - 3	239.255.70.26	19288	(Incremental)
	239.255.70.27	19290	(Snapshot)
Stream - 4	239.255.70.28	19388	(Incremental)
	239.255.70.29	19390	(Snapshot)
Stream - 5	239.255.70.6	19088	(Incremental)
	239.255.70.7	19090	(Snapshot)

Index stream	239.255.70.30	19080	–
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Note:

- Enhanced Market Data Interface (EMDI) and Tick-by-Tick Market Data (EOBI/TBT) are applicable only for Members using Point to Point (P2P) Leased Line
- EMDI multicast will be configured only on EOBI/TBT enabled point to point links.

Annexure 2
Trading Interface - Connectivity details for Disaster Recovery Site (DRS)

Encryption Gateway Details – DRS				
Particulars	IP address	MTS/MCS TCP Port	CTCL TCP Port	Algo TCP Port
Host lookup	192.168.73.61	19406	19106	19506
Gateway 1	192.168.73.48	19406	19106	19506
Gateway 2	192.168.73.49	19406	19106	19506
Gateway 3	192.168.73.50	19406	19106	19506
Gateway 4	192.168.73.51	19406	19106	19506
Gateway 5	192.168.73.84	19406	19106	19506
Gateway 6	192.168.73.85	19406	19106	19506
Gateway 7	192.168.73.88	19406	19106	19506

Distribution Server IP address	TCP Port	Description
192.168.73.53	19081	Distribution server 1
192.168.73.54	19081	Distribution server 2

Market Data			
Particulars	IP address	UDP Port	Description
Trading Market Data - Market Data Interface (MDI)			
MDI	239.255.71.3	19096	High Frequency Market Data
Enhanced Market Data Interface (EMDI)			
Stream 1	239.255.71.10	19088 19090	(Incremental) (Snapshot)
Stream 2	239.255.71.14	19088 19090	(Incremental) (Snapshot)
Stream 3	239.255.71.18	19088 19090	(Incremental) (Snapshot)
Stream 4	239.255.71.22	19088 19090	(Incremental) (Snapshot)
Stream 5	239.255.71.12	19068 19070	(Incremental) (Snapshot)
Enhanced Order Book Interface (EOBI) – Tick-by-Tick Market Data (TBT)			
Stream-1	239.255.71.4	19088	(Incremental)
	239.255.71.5	19090	(Snapshot)
Stream-2	239.255.71.8	19188	(Incremental)
	239.255.71.9	19190	(Snapshot)
Stream-3	239.255.71.26	19288	(Incremental)
	239.255.71.27	19290	(Snapshot)
Stream-4	239.255.71.28	19388	(Incremental)
	239.255.71.29	19390	(Snapshot)

Stream-5	239.255.71.6	19088	(Incremental)
	239.255.71.7	19090	(Snapshot)
Index stream	239.255.71.30	19080	–

Note:

- Enhanced Market Data Interface (EMDI) and Tick-by-Tick Market Data (EOBI/TBT) are applicable only for Members using Point to Point (P2P) Leased Line
- EMDI multicast will be configured only on EOBI/TBT enabled point to point links.

Annexure 3

Route addition

Members having leased line are requested to add persistent routes of below mentioned IP pool in their respective trading servers/ desktops having multiple NIC (Network Interface card). Please note the routes are required to be added in the trading servers/ desktop with multiple NIC and members trading through leased line only.

IP pool	Subnet mask	Gateway
192.168.73.0	255.255.255.0	MCX Leased line router IP address
192.168.71.0	255.255.255.0	
192.168.61.0	255.255.255.0	
192.168.63.0	255.255.255.0	