

National Stock Exchange of India

Circular

Department: Compliance	
Download Ref No: NSE/COMP/54007	Date: October 10, 2022
Circular Ref. No: 73/2022	

To All Members,

Sub: Unique Device Identifiers for orders placed through Internet Based Trading (IBT) and Securities trading using Wireless Technology (STWT)

This has reference to Exchange circular reference no. NSE/COMP/53164 dated August 01, 2022 regarding unique device identifiers for orders placed through Internet Based Trading (IBT) and Securities Trading using Wireless Technology (STWT).

Trading Members are hereby informed that SEBI has issued a revised file format for reporting of data pertaining to unique device identifiers for orders placed through IBT and STWT. Revised format is provided in the Annexure to the circular.

As of date, this circular shall be applicable to Trading Members having 25 lakhs or more active clients during F.Y. 2021-22 on either Exchange. Trading Members are required to take a note of the above and put in place the modifications in their procedures, systems, policies and processes etc. as may be required at Member's end for implementation of the revised format.

The revised format shall come into effect from October 31, 2022.

For any support, please reach out to the helpdesk on 1800 266 0050 (Select IVR option 3) or email at memcompliance_support@nse.co.in

For and on behalf of
National Stock Exchange of India Limited

Swati Sopare
Senior Manager

National Stock Exchange of India

Annexure

The data has to be uploaded in CSV file in pipe (“|”) separated format only.

File format:

- Exchange Identifier, Segment Identifier, Trading Member Code, Client Code, Order timestamp, Order No, Symbol/Contract Details (FO), Order Type, Trade flag, Channel, Client IP address, Client User-Agent string, App install ID, Custom field 1, Custom field 2.
- Following file naming convention should be followed-
 NSE_DEVICE_ID_<Segment_ID>_<TM CODE>_<Date>.csv (*Segment_ID = Either CM /FO; date in DDMMYYYY format*)

Column Name	Column Description
1. Exchange Identifier	1 (for NSE)
2. Segment Identifier	Capital Market - 1 Futures & Options - 2
3. Trading Member Code	Exchange allotted trading member code
4. Client Code	Client Code of the Client placing the order
5. Order timestamp	Example: 2022-06-25 15:10:00 This timestamp should be of the order placement in case all placement & modifications were done from a single device. In case there are modifications to an order from a new device, there should be a row with the timestamp of the placement and an additional row for every modification that happened from a new device along with the timestamp of the said modification.
6. Order No	Exchange Order No
7. Symbol/Contract Details (FO)	Symbol would include: Symbol (for CM) / Contract Details (for FO) i.e. Symbol+Expirydate+OptionType+StrikePrice Example: “NIFTY30JUN2022CE15000”
8. Order Type	BUY/SELL (CASE SENSITIVE)
9. Trade Flag	Y/N (CASE SENSITIVE) If an Order has traded at least 1 quantity or more, the Flag would indicate “Y” if the order remained unexecuted till end of the day the Flag would be “N”
10. Channel	WEB/DESKTOP/IOS/ANDROID (CASE SENSITIVE)

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11. Client IP address	IP address of client's device 123.45.67.89 OR 2402:3a80:1981:50d6:25b0:db98:7f98:a4a0
12. Client User-Agent String	RFC 1945 standard as used by network clients globally. Examples: Mobile browser (default, sent by the browser): Mozilla/5.0 (iPhone; CPU iPhone OS 15_4_1 like Mac OS X) AppleWebKit/605.1.15 (KHTML, like Gecko) Version/15.4 Mobile/15E148 Safari/604.1 Desktop browser (default, sent by the browser): Mozilla/5.0 (Windows NT 10.0; Win64; x64) AppleWebKit/537.36 (KHTML, like Gecko) Chrome/100.0.4896.127 Safari/537.36 Mobile app (custom, constructed by the app): BrokerAppName/3.3.6 (OnePlus A6010; Android 11 SDK30) How to construct in mobile and desktop EXE apps: \$productName/\$productVersion (\$manufacturer \$model; \$OS \$OSVersion \$SDKVersion) If any of the above variables are unavailable, they can be substituted with a - (dash) character.
13. App install ID	This random ID is to be generated and persisted on a device when a user installs or initializes the app (mobile or EXE) for the first time. This ID never changes unless the user clears all app data or re-installs the app. For web applications, this may be stored in local storage or indexed DB for achieving better persistence than cookies. This is highly unlikely to change for mobile apps and desktop EXEs and very likely to change in browsers. Format: UUIDv5 (global standard) Example: ba6eb330-4f7f-11eb-a2fb-67c34e9ac07c
14. Custom field 1	
15. Custom field 2	

Notes :

1. NO PIPES should be present in any of the fields since the file format is "PIPE separated" (i.e. "|").
2. Time format for submission of data w.r.t. Device Identification is "2022-06-25 15:10:00".
3. Maintain uniformity in the List of Values for "Channel" as stated in Field No. 10 in the aforementioned table.
4. Remove trailing spaces of the field values in the data submitted.
5. Fields from no. 1 to 13 in aforementioned table are mandatory. Values such as '-/NULL/Blank' shall not be accepted.
6. Data shall be uploaded on T day itself for all IBT/STWT orders placed on T day.