National Stock Exchange of India Limited

Circular

Department: MEMBER SERVICE DEPARTMENT	
Download Ref No: NSE/MSD/60847	Date: February 23, 2024
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All Participants,

Implementation of TLS 1.2 (only with strong ciphers) and TLS 1.3 – NOTIS Application

This is in continuation to circular no. NSE/MSD/60726 dated February 15, 2024 regarding implementation of TLS 1.2 (only with strong ciphers) and TLS 1.3 for Extranet API.

Members are requested to note that the above enhanced security of data and communications implementation is extended to NOTIS API as well.

Members are required to note that NOTIS API is compatible with TLS 1.2 or above versions and w.e.f. February 29, 2024, NOTIS API (via www.connect2nse.com) would only support TLS 1.2 (only with strong ciphers) and TLS 1.3.

With this background and considering the implications, all members are requested to implement one of the following:

1. Upgrade the browsers to the latest versions.
    a. Google's Chrome - https://www.google.com/chrome/
    b. Mozilla's Firefox - https://www.mozilla.org/en-US/firefox/new/
    c. Microsoft's Edge – https://www.microsoft.com/en-in/edge/download?form=MA13FJ
2. For members connecting to the application using any other variant of clients (like for making API call), members are requested to check and make necessary changes at their end so that client supports connections over TLS 1.2 (only with strong cipher) and/or TLS 1.3.

The necessary changes are made available in UAT setup (www.devconnect2nse.com) to test the compatibility of your systems/applications to support strong cipher suits for NOTIS API application.

For ease and convenience to access UAT environment, member may refer to FAQ for NOTIS API which is available on https://www.nseindia.com/trade/notis-faqs .

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Reference links:

a) https://security.googleblog.com/2018/10/modernizing-transport-security.html
b) https://www.ssl.com/article/tls-1-3-is-here-to-stay/
c) https://blog.mozilla.org/security/2018/10/15/removing-old-versions-of-tls/
d) https://kinsta.com/blog/tls-1-3/

Disclaimer:

1. The information contained in this notice has been extracted from the reference links as above
2. Members shall act upon this notice at their own discretion after conducting appropriate impact/risk analysis to their specific environment. Please test all the settings in a test environment before deploying on production environment.

For and on behalf of
National Stock Exchange of India Limited

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